MEMORANDUM

Agenda Item No. 8(M)(1)

TO:

Honorable Chairwoman Rebeca Sosa

and Members, Board of County Commissioners

DATE

December 3, 2013

FROM:

R. A. Cuevas, Jr.

County Attorney

SUBJECT:

Resolution authorizing the

acceptance of eight (8)

environmentally endangered

lands covenants

The accompanying resolution was prepared by the Regulatory and Economic Resources Department and placed on the agenda at the request of Co-Prime Sponsors Vice Chair Lynda Bell and Commissioner Xavier L. Suarez.

R. A. Cuevas, Jr. County Attorney

RAC/smm

Memorandum



Date:

December 3, 2013

To:

Honorable Chairwoman Rebeca Sosa

and Members, Board of County Commissioners

From:

Carlos A. Gimenez

Mayor

Subject:

Resolution Authorizing the Acceptance of Eight (8) Environmentally Endangered Lands

Covenants in Miami-Dade County

Recommendation

It is recommended that the Board approve the attached resolution authorizing the acceptance of eight (8) covenants running with the land for the preservation and maintenance of environmentally endangered lands listed below and attached hereto.

Scope

These covenants are for properties located in Commission Districts 7 and 8 (Commissioners Suarez and Bell).

Fiscal Impact/Funding Source

In accordance with Sec. 193.501(3)(a) of the Florida Statutes and Chapter 25 B of the Miami-Dade County Code, originally adopted in 1979, these properties will receive preferential tax treatment through reductions in their assessed values from the Miami-Dade County Property Appraiser upon execution of the covenants and approval by the Board.

Track Record/Monitor

The Manager of the Natural Resources Planning Section, Craig Grossenbacher, in the Department of Regulatory and Economic Resources, Division of Environmental Resources Management, will monitor these covenants.

Background

Chapter 25B (Article II) of the Miami-Dade County Code was approved by the Board under Ordinance No. 79-105 on December 4, 1979. This ordinance allows qualifying owners in Miami-Dade County to voluntarily enter into a 10-year covenant with the Board, stipulating that their property will be preserved and maintained in its natural state subject to one or more conservation restrictions. The purpose of the ordinance is to provide an economic incentive for owners of environmentally endangered lands, such as hammocks and pinelands, who choose to manage their land in a natural state and thereby maintain the land's natural resource values. Renewals of existing covenants for additional 10-year periods are available to willing property owners.

Upon approval by the Board and execution of the covenants, the properties will receive preferential tax treatment through a reduction in their assessed value from the Miami-Dade County Property appraiser in accordance with the criteria in Section 193.501(3)(a), Florida Statutes. This will result in tax savings to the property owners. In the event that a property owner breaches any portion of the covenant, the property owner is then liable for all back taxes (i.e. taxes that would have been required had the endangered land assessment not been obtained) plus state-mandated interest penalties on the back taxes.

Under Chapter 25B of the Code, the Department of Regulatory and Economic Resources shall review proposed covenants and make recommendations to the Board as to whether the land qualifies as environmentally endangered. To qualify, lands must have unique ecological characteristics, have

Honorable Chairwoman Rebeca Sosa and Members, Board of County Commissioners Page 2

features of a rare or limited nature constituting wildlife habitat, have coastal protection elements or have scientific, geologic or archaeological significance. Examples of lands qualifying under Chapter 25B are mangrove forests, hammock and tree islands, pinelands, wetlands and native cypress forests.

There are currently 85 properties with environmentally endangered lands covenants in Miami-Dade County, comprising a total of 427.7 acres. Many of the existing covenanted properties include pine rocklands. Pine rocklands, interspersed with tropical hardwood hammocks, once covered 185,000 acres of Miami-Dade County but have now been officially designated as a globally imperiled habitat. Over 225 native plants occur in pine rocklands with more than 20% of those species being endemic and five species being federally listed as threatened or endangered.

Once a site has been determined to qualify as environmentally endangered, the application and covenant are submitted to the Board for approval. The sites listed below meet the criteria for environmentally endangered lands. Therefore, the attached resolution is recommended for approval of the eight (8) environmentally endangered lands covenants for the following properties.

New Covenants

- A) Bobbe W. Dooley (0.38-acre rockland hammock) Folio 20-5013-023-0380 located at 6540 SW 134 Dr, Miami-Dade County, Florida.
- B) Raymond T. Crissey TRS (2.26 acres of tropical hardwood hammock) Folio 30-6933-000-0252 located in the vicinity of SW 268 St & SW 154 Ave, Miami-Dade County, Florida.
- C) Raymond T. Crissey TRS (2.64 acres of tropical hardwood hammock) Folio 30-6933-000-0254 located in the vicinity of SW 268 St & SW 154 Ave, Miami-Dade County, Florida.

Renewal Covenants

- D) Arlene M. Samalion & L. L. Samalion (5.29 acres of pine rockland)
 Folio 30-6929-000-0371 located at 26251 SW 162 Ave, Miami-Dade County, Florida.
- E) John Bolash IV TRS (1.21 acres of pine rockland) Folio 30-6924-000-0940 located in the vicinity of SW 236 St. & SW 125 Ave., Miami-Dade County, Florida.
- F) Keith E. Fleri (0.90-acre pine rockland and tropical hardwood hammock) Folio 30-6835-000-0092 located at 26955 SW 192 Ave, Miami-Dade County Florida.
- G) Todd P. Lary & Diane E. (4.50 acres of pine rockland and tropical hardwood hammock) Folio 30-6921-000-0110 located at 14870 SW 238 St, Miami-Dade County Florida.
- H) Terry Glancy & Barbara (14 acres of pine rockland)
 Folio 30-7809,000-0/10 located at 21100 SW 300 St, Miami-Dade County, Florida.

Jack Osterholt, Deputy Mayor



TO: Honorable Chairwoman Rebeca Sosa and Members, Board of County Commissioners

DATE: December 3, 2013

FROM: R. A. Cuevas, Jr. County Attorney

SUBJECT: Agenda Item No. 8(M)(1).

Pleas	e note any items checked.
	"3-Day Rule" for committees applicable if raised
 	6 weeks required between first reading and public hearing
	4 weeks notification to municipal officials required prior to public hearing
	Decreases revenues or increases expenditures without balancing budget
	Budget required
	Statement of fiscal impact required
	Ordinance creating a new board requires detailed County Mayor's report for public hearing
,	No committee review
	Applicable legislation requires more than a majority vote (i.e., 2/3's, 3/5's, unanimous) to approve
	Current information regarding funding source, index code and available

Approved		<u> Mayor</u>	Agenda Item No.	8(M)(1)
Veto			12-3-13	
Override	• -		,	
	RESOLUTION N	NO	NN NN	

RESOLUTION AUTHORIZING THE ACCEPTANCE OF EIGHT (8) ENVIRONMENTALLY ENDANGERED LANDS COVENANTS IN MIAMI-DADE COUNTY, FLORIDA

WHEREAS, this Board desires to accomplish the purposes outlined in the accompanying memorandum, a copy of which is incorporated herein by reference; and

WHEREAS, the attached eight (8) covenants, covering properties identified as folio 20-5013-023-0380 and located at 6540 SW 134 Drive (0.38-acre rockland hammock); folio 30-6933-000-0252 and located in the vicinity of SW 268 Street & SW 154 Avenue (2.26 acres of tropical hardwood hammock); folio 30-6933-000-0254 and located in the vicinity of SW 268 Street & SW 154 Avenue (2.64 acres of tropical hardwood hammock); folio 30-6929-000-0371 and located at 26251 SW 162 Avenue (5.29 acres of pine rockland); folio 30-6924-000-0940 and located in the vicinity of SW 236 Street & SW 125 Avenue (1.21 acres of pine rockland); folio 30-6835-000-0092 and located at 26955 SW 192 Avenue (0.90-acre pine rockland and tropical hardwood hammock); folio 30-6921-000-0110 and located at 14870 SW 238 Street (4.50 acres of pine rockland and tropical hardwood hammock); folio 30-7809-000-0110 and located at 21100 SW 300 Street (14 acres of pine rockland) have been submitted pursuant to Chapter 25B of the Code of Miami-Dade County, and Section 193.501, Florida Statutes, which both provide for beneficial ad valorem tax classifications for outdoor recreational or parkland and environmentally endangered lands; and

WHEREAS, the attached covenants have been executed and are being proffered to this Board for acceptance, as indicated in the Mayor's memorandum, a copy of which is attached hereto and incorporated herein by reference; and

WHEREAS, this Board finds that the attached covenants meet the criteria for County acceptance as set forth in Chapter 25B of the Code of Miami-Dade County,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that this Board hereby accepts the attached covenants and, pursuant to Resolution No. R-974-09, hereby directs the Mayor or the Mayor's designee to record the aforementioned covenants accepted herein and applicable joinders by mortgagees in the Public Records of Miami-Dade County, Florida; and to provide recorded copies of the covenants accepted herein and applicable joinders to the Clerk of the Board within thirty (30) days of acceptance of the covenants and applicable joinders; directs the Clerk of the Board to attach and permanently store recorded copies of the covenants and applicable joinders together with this Resolution; and directs the Mayor or the Mayor's designee to forward certified copies of same to the Property Appraiser.

The foregoing resolution was offered by Commissioner who moved its adoption. The motion was seconded by Commissioner and upon being put to a vote, the vote was as follows:

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Rebeca Sosa, Chairwoman Lynda Bell, Vice Chair

Bruno A. Barreiro Jose "Pepe" Diaz Sally A. Heyman Jean Monestime

Jean Monestime Sen. Javier D. Souto Juan C. Zapata Esteban L. Bovo, Jr. Audrey M. Edmonson Barbara J. Jordan Dennis C. Moss Xavier L. Suarez

The Chairperson thereupon declared the resolution duly passed and adopted this 3rd day of December, 2013. This resolution shall become effective ten (10) days after the date of its adoption unless vetoed by the Mayor, and if vetoed, shall become effective only upon an override by this Board.

MIAMI-DADE COUNTY, FLORIDA BY ITS BOARD OF COUNTY COMMISSIONERS

HARVEY RUVIN, CLERK

By: ______ Deputy Clerk

Approved by County Attorney as to form and legal sufficiency.

Abbie Schwaderer-Raurell

ATTACHMENT A

COVENANT RUNNING WITH THE LAND IN FAVOR OF MIAMI-DADE COUNTY, FLORIDA, CONCERNING ENVIRONMENTALLY ENDANGERED LAND LOCATED AT 6540 SW 134 DRIVE, MIAMI-DADE COUNTY, FLORIDA, CURRENTLY FOLIO # 20-5013-023-0380

WHEREAS, the undersigned Owner holds the fee simple title to the land in Miami-Dade County, Florida, described in Exhibit "A," attached hereto, and hereinafter called the "Property," and

IN ORDER TO ASSURE the County that the representations made by the Owner in the application, pursuant to Chapter 25B of the Code of Miami-Dade County and Section 193.501 of the Florida Statutes, will be abided by the Owner freely, voluntarily, and without duress, the Owner makes the following Covenant covering and running with the property:

- The EEL Preservation Area on the Property, as shown on the map attached hereto as Exhibit
 B and incorporated herein by reference, shall be maintained in its present natural state.
- 2. The EEL Preservation Area on the Property shall be and the same is hereby subject to the conservation restrictions set forth in Exhibit C, which is attached hereto and incorporated herein by reference, including, but not limited to, the requirement that the Owner, shall maintain the EEL Preservation Area free of vegetation which is not native to Miami-Dade County, pursuant to Section 24-5 of the Code of Miami-Dade County and as determined by the Director of the Department of Regulatory and Economic Resources, or successor department, in his or her sole discretion. No native vegetation may be removed, trimmed, or destroyed in the EEL Preservation Area without prior written consent from the Director

or Director's designee of the Department of Regulatory and Economic Resources, or successor department.

- 3. County Inspection and Requests for Curative Action. As further part of this Covenant, it is hereby understood and agreed that any official inspector of Miami-Dade County, or its agents duly authorized, shall have the right, upon written notification to the, then, owner(s) of the Property, as reflected in the Property Appraiser's records, to inspect the Property at reasonable times to determine whether the Property is being maintained in the manner required by this Covenant. Should the County determine after such an inspection that some curative action on the Property is necessary in order to preserve the terms of this covenant, the County shall notify the then, owner(s) in writing by Certified Mail, return receipt requested, at the address of record from the Property Appraiser's office,, of the particular curative action required and the reasons therefore. The, then, owner(s) shall have the right to appeal such proposed curative action to the Board of County Commissioners by filing a written objection with the Clerk of the Board within thirty (30) days after receipt of written notification of said proposed curative action and the reasons therefore.
- 4. Covenant Running with the Land. This Covenant on the part of the Owner shall constitute a covenant running with the land and shall be recorded, at Owner's expense, in the public records of Miami-Dade County, Florida, together with a certified copy of the Board of County Commissioners' resolution accepting the covenant, and shall remain in full force and effect and be binding on undersigned Owner, and their heirs, successors and assigns until such time as the same is modified or released. These restrictions during their lifetime shall be for the benefit of, and limitation upon, all present and future owners of the

real property and for the benefit of Miami-Dade County and the public welfare. The Owner, and their heirs, successors and assigns, acknowledge that acceptance of this Covenant does not in any way obligate or provide a limitation on the County. The Owner shall also send a copy of the recorded covenant and Board of County Commissioners' resolution accepting the covenant to the Miami-Dade County Property Appraiser.

- 5. <u>Term.</u> This Covenant is to run with the land and shall be binding on all parties and all persons claiming under it for a period of ten (10) years from the date this Covenant is recorded, unless an instrument signed by the, then, owner(s) of the Property has been recorded agreeing to change the covenant in whole, or in part, provided that the Covenant has first been modified or released by Miami-Dade County.
- 6. Modification, Amendment, Release. This Covenant may be modified, amended or released as to the land herein described, or any portion thereof, by written instrument executed by the, then, owner(s) of all of the Property, provided that the same is also approved by the Board of County Commissioners of Miami-Dade County, Florida. The release from this Covenant shall be made after public hearing and after a determination by the Board of County Commissioners of Miami-Dade County that such release would not adversely affect the interest of the public. Notice of said public hearing shall be published once a week for at least two (2) weeks in a newspaper of general circulation in Miami-Dade County, prior to said hearing. Furthermore, release of this Covenant shall only be made to the Owner upon payment of the deferred tax liability pursuant to Section 25B-17(b) of the Code of Miami-Dade County.

- 7. Enforcement. The, then, owner or anyone with the owner's knowledge or consent shall not use the Property in any manner inconsistent with the terms of this Covenant without first obtaining a written instrument from the Board of County Commissioners of Miami-Dade County which releases the Owner from the terms of the covenant, and which instrument must be promptly recorded in the public records of Miami-Dade County, Florida. Any violation of this section shall constitute a breach of this Covenant, for which the Board of County Commissioners may revoke the covenant and require the Owner to pay the deferred tax liability as such term is defined in Section 25B-17(b) of the Code of Miami-Dade County. This enforcement provision shall be in addition to any other remedies available at law, in equity or both.
- 8. Renewal. The current owner(s) of the property may apply to renew this covenant for successive ten (10) year periods following the termination of the term of this covenant. Applications for such renewals shall be submitted to the Miami-Dade County Department of Regulatory and Economic Resources, or successor department, and such applications for renewal may be approved administratively by the Director of the Miami-Dade County Department of Regulatory and Economic Resources, or successor department. After approval of a renewal, the Owner shall record, at Owner's expense, a renewed covenant in the public records of Miami-Dade County, Florida. Said renewed covenant shall be in a form approved by the Director of the Miami-Dade County Department of Regulatory and Economic Resources, or successor department.
- 9. <u>Election of Remedies.</u> All rights, remedies and privileges granted herein shall be deemed to be cumulative and the exercise of any one or more shall neither be deemed to

constitute an election of remedies, nor shall it preclude the party exercising the same from exercising such additional rights, remedies or privileges.

- 10. <u>Severability.</u> Invalidation of any one of these provisions, by judgment of Court, shall not affect any of the other provisions which shall remain in full force and effect. However, if any material portion is invalidated, the County shall be entitled to revoke any approval predicated upon the invalidated portion.
- 11. Recording. This Covenant, along with a certified copy of the resolution from the Board of County Commissioners accepting the Covenant, shall be filed of record in the public records of Miami-Dade County, Florida at the costs of the Owners after the effective date of the Board of County Commissioners' resolution accepting the Covenant. This Covenant shall become effective immediately upon recordation.
- 12. Acceptance of Covenant. Acceptance of this Covenant does not obligate the County in any manner, nor does it entitle the Owner to approval of any application, and the Board of County Commissioners and the County retain full power and authority to deny each such application in whole or in part.
- 13. Owner. The term Owner shall include the Owner, and its heirs, successors and assigns.

IN WITNESS WHEREOF, the undersigned day of June 1	d have caused this Covenant to be executed this . 2013.
INDIVIDUAL .	
WITNESSES!	OWNER(S):
sign Slo	sign Solle W Drolay
print Groutty AN Commercis	sign Balle W. Dooley print Babbe W. Dooley
sign HMM/	Address 6940 5 W 134 DK
print HEydi Cajina	sign
sign	print
print	Address
sign	
print	
STATE OF FLORIDA COUNTY OF MIAMI-DADE	, de
The foregoing instrument was acknowledg	ed before me this day of who has
produced FCPC	, who is personally known to me or who has as identification and who did take an oath.
NOTARY P	UBLIC:
Sign	Jane lletz
WARREN ORTIZ Notary Public - State of Floribatint	anon Orter
My Comm. Expires Oct 5, 2004 are of Floring Commission # EE 157 Bonded Through National Notary AMA Commis	ida at Large (Seal)
A CONTINUE DOUGH HANDER MAINTINE MOTERN WASH'A CONTINUED	DION PRINCES ()

THIS INSTRUMENT PREPARED BY:

<u>John T. Joyner, ERPS</u>

Miami-Dade County Department of Regulatory and Economic Resources
701 NW 1st Court,

Miami, Florida 33136

EXHIBIT A LEGAL DESCRIPTION

Folio Number:

20-5013-023-0380

Property Address:

6540 SW 134 DR

Legal description:

13 55 40

DEVONWOOD PB 75-50

LOT 2 BLK 5

LOT SIZE 167.450 X 150 F/A/U 30-5013-023-0380 OR 18504-3506 0299 4

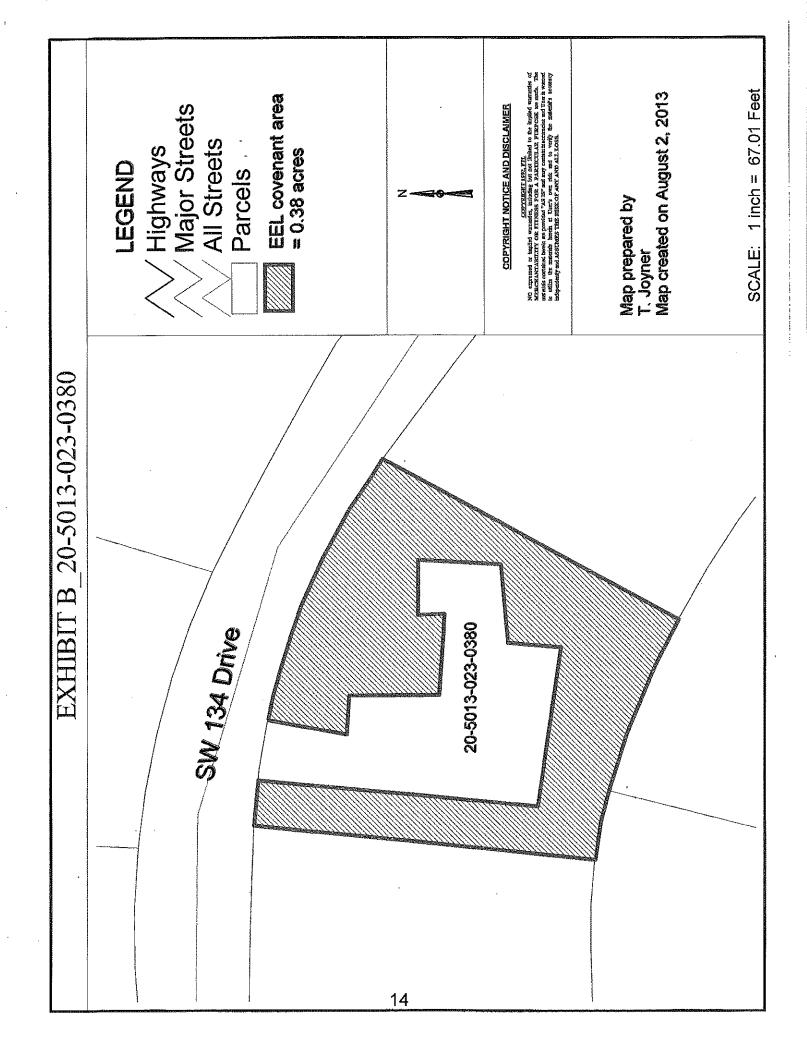


Exhibit C Rockland Hammock Management Plan for Bobbe Dooley

Location:

6540 SW 134th Drive, Miami-Dade County, Florida.

Size:

0.58 acre parcel

0.38 acres qualify for an Environmentally Endangered Lands (EEL)

covenant

Folio #:

20-5013-023-0380

Forest Type: Rockland hammock

Location

The property is located on the east of SW 67th Avenue along the south side of SW 134th Drive. The site is a developed residential lot located inside the urban development boundary (UDB) and is surrounded on all sides by single family homes.

Distance from nearest EEL/county-owned site: ~4,200 feet Ludlam Pineland Distance from nearest EEL covenant site: ~400 feet from 6545 SW 133 Drive Distance from nearest county-designated Natural Forest Community (NFC): ~1,300 feet from USDA Pine Rockland.

Property Information

The property is located within the City of Pinecrest, in the Devonwood subdivision. Devonwood is developed neighborhood that occupies an area formerly known as Warwick Hammock. The subject property's yard area is essentially a remnant of this rockland hammock.

Rockland hammocks contain primarily broadleaf and mostly hardwood evergreen trees growing on outcrops of limestone. The closed canopy conditions typically found in rockland hammocks creates a humid forest interior with low light levels. Under natural conditions this community is rarely subject to fire and forms dense forests in relatively small areas. Hammocks are floristically rich and harbor some of Florida's rarest plants and also serve as habitat for a wide array of animal species. Many of the rare plants harbored by this habitat are rare fern species found in geologically significant solution holes. A very rare fern Asplenium xbiscayneanum, has been documented on properties within Devonwood and the subject is potential habitat for this plant species.

Present Condition

The current biological condition of the site can be classified as average to good. The main threat to the quality of the site is the invasion of exotic plants. Exotic palms and aroid vines are the biggest problem and are currently being removed by the owner's yard maintenance staff, but more extensive control is needed. The most significant biological

features observed are the limestone outcroppings and solution holes. Rare ferns were observed, including spleenwort and halberd ferns. With the exception of the developed area and the minimal pathways in the hammock the substrate in relatively undisturbed and is in very good condition.

Overall, native plant cover is good but it could be degraded if efforts to control vines and exotic palms are not continued.

Conclusion

The inclusion of this property into the EEL covenant program represents a unique opportunity to preserve a remnant piece of the Warwick hammock. Along with the other EEL covenanted property in the area, and the possibility of other properties in the area being included in the program in the future, this is a step towards maintaining rare and unique plant habitat in an urban environment.

The county will benefit from the active management of the site through the inherit values that natural areas provide and by gaining improved and increased wildlife habitat and biodiversity. It is important to note that the preservation of this site, as was well as other natural areas in the EEL Covenant Program, provides other environmental benefits such as carbon sequestration, ground water recharging and storm water runoff reduction.

Ecological Goals

- 1. Maintain the present extent of the rockland hammock.
- 2. Encourage and maintain a diverse understory and preserve rare hammock species.
- 3. Promote regeneration and growth of native hardwoods and rare plants.
- 4. Provide suitable habitat for native wildlife.
- 5. Eliminate invasive exotic species.
- 6. Maintain solution holes and rare fern populations.

Management Goals

- 1. Eliminate exotic plant species from interior of hammock to achieve less than 3% or less exotic plant species cover.
- 2. Eradicate all invasive exotic plant species from perimeter and interior of hammock and prevent exotic re-colonization. Ensure that no more than 50 square feet cover of any exotic plant species remains.
- 3. Control reproduction of exotic seeds within the site.

DERM will periodically inspect property to ensure that management goals are achieved.

Management Techniques and Schedule for Rockland Hammock

(No heavy machinery is allowed within the site. All work must be done by hand (i.e. chainsaw, hand tools)

- Year 1-2: Initial hand removal and herbicide treatment of exotic plant species (trees, vines, palms and ornamentals) is required by DERM. Interior exotics should be treated first and work extended out to the perimeters. All exotic seedlings should be hand pulled if possible. Multiple herbicide treatments may be needed. Heavy machinery is not, under any circumstances or purposes, to be used within any portion of the property that is covered under this covenant. The eradication of large exotic trees may be achieved by wholesale removal or by killing and leaving in place. The light gaps created by the removal of exotics shall be monitored to ensure that native regeneration is out competing exotic regeneration. Extreme care must be taken to maintain intact substrate and solution holes. Monitor site for rare ferns.
- **Year 3-5:** Continue to eradicate exotic plants, and retreat any re-sprouting or recolonizing exotic plants to achieve goal of 3% or less exotic plant cover. Monitor native plant recruitment, Continue monitoring the site for rare ferns.
- Year 6-10: Continue to eradicate exotic and invasive plants and vines and maintain diverse understory, rare species and 3% or less exotic cover.

PLANT SPECIES LIST*

Plant taxa are listed by habit and origin. Key to Origin/Status codes:

native to South Florida N

R ruderal

FL endangered listed as an endangered species in the state of Florida listed as an endangered species in the state of Florida FL threatened

exotic to South Florida Е

EPPC I category I as per Florida Exotic Pest Plant Council (most invasive)

category II as per Florida Exotic Pest Plant Council (invasive) EPPC II

Scientific Name	Common Name	Origin/Status
Ardisia escallonioides	marlberry	N
Asplenium dentatum	Toothed spleenwort	N FI-endangered
Bambusa spp.	Bamboo	\mathbf{E}
Bursera simaruba	gumbo limbo	N
Campyloneurum spp.	Strap fern	N
Caylptranthes pallens	Spicewood	N/FI-threatened
Coccoloba diversifolia	pigeon plum	N
Cocos nucifera	Coconut palm	E
Epipremnum spp.	pothos	E/EPPC(II)
Eugenia axillaris	white stopper	N
Eugenia uniflora	Surinam-cherry	E/EPPC(I)
Exothea paniculata	Inkwood	N
Ficus aurea	strangler fig	N
Guaiacum sactum	Lignumvitae	N Fl-endangered
Heliconia latispatha	Lobsterclaw heliconia	E
Krugiodendron ferrum	Black ironwood	N
Lasiacis divaricata	Wild bamboo	N
Livistona chinensis	Chinese fan palm	E
Lysiloma latisiliquum	false tamarind	N
Monstera deliciosa	swiss-cheese plant	E
Ocotea coriacea	lancewood	N
Oplismenus hirtellus	Woodgrass	N
Parthenocissus quinquefolia	Virginia creeper	N
Passiflora suberosa	corkystem passionflower	N
Peperomia obtusifolia	Florida peperomia	N F1-endangered
Pisonia aculeata	devil's claws	N
Pithecellobium dulce	Monkey pod	E
Psychotria nervosa	wild coffee	N '
Quercus virginiana	live oak	N
Schefflera actinophylla	Queensland umbrella tree	E / EPPC (I)
Schinus terebinthifolia	Brazilian pepper	E / EPPC (I)
Senna liqustrina	Privet senna	N
Sideroxylon foetidissimum	false mastic	N
Sideroxylon salicifolium	willow bustic	N
Simarouba glauca	paradise tree	N

Smilax spp.	a greenbrier	N
Syngonium podophyllum	American evergreen	E / EPPC (I)
Tectaria fimbriata -	Least halberd fern	N/Fl-endangered
Tectaria incise	Halberd fern	\mathbf{E}
Thelypteris kunthii	Southern shield fern	N
Thrinax radiata	Florida thatch palm	N FI-endangered
Tillandsia spp.	airplant	N
Toxicodendron radicans	Poison ivy	N
Tradescantia spathacea	oyster plant	E / EPPC (II)
Unknown exotic palms		E

^{*}Please note that this is not a complete plant species list. The list includes the plants that account for the highest percentage of overall biomass within the property.

MANAGEMENT PLAN AGREEMENT (must be signed by all owners)

I,	BOBBE. W.	DOOLEY	hereby	certify that I have read and understood
this	managemen	t plan, and a	gree to follow its mar	agement recommendations.
	Bole	- W. X	Dolog	August 6, 2013
SIG	NATURE			DATE

ATTACHMENT B

COVENANT RUNNING WITH THE LAND IN FAVOR OF MIAMI-DADE COUNTY, FLORIDA, CONCERNING ENVIRONMENTALLY ENDANGERED LAND LOCATED IN THE VICINITY OF SW 268 STREET AND SW 154 AVENUE, MIAMI-DADE COUNTY, FLORIDA, CURRENTLY FOLIO # 30-6933-000-0252

WHEREAS, the undersigned Owner holds the fee simple title to the land in Miami-Dade County, Florida, described in Exhibit "A," attached hereto, and hereinafter called the "Property," and

IN ORDER TO ASSURE the County that the representations made by the Owner in the application, pursuant to Chapter 25B of the Code of Miami-Dade County and Section 193.501 of the Florida Statutes, will be abided by the Owner freely, voluntarily, and without duress, the Owner makes the following Covenant covering and running with the property:

- The EEL Preservation Area on the Property, as shown on the map attached hereto as Exhibit
 B and incorporated herein by reference, shall be maintained in its present natural state.
- 2. The EEL Preservation Area on the Property shall be and the same is hereby subject to the conservation restrictions set forth in Exhibit C, which is attached hereto and incorporated herein by reference, including, but not limited to, the requirement that the Owner, shall maintain the EEL Preservation Area free of vegetation which is not native to Miami-Dade County, pursuant to Section 24-5 of the Code of Miami-Dade County and as determined by the Director of the Department of Regulatory and Economic Resources, or successor department, in his or her sole discretion. No native vegetation may be removed, trimmed, or destroyed in the EEL Preservation Area without prior written consent from the Director

or Director's designee of the Department of Regulatory and Economic Resources, or successor department.

- 3. County Inspection and Requests for Curative Action. As further part of this Covenant, it is hereby understood and agreed that any official inspector of Miami-Dade County, or its agents duly authorized, shall have the right, upon written notification to the, then, owner(s) of the Property, as reflected in the Property Appraiser's records, to inspect the Property at reasonable times to determine whether the Property is being maintained in the manner required by this Covenant. Should the County determine after such an inspection that some curative action on the Property is necessary in order to preserve the terms of this covenant, the County shall notify the then, owner(s) in writing by Certified Mail, return receipt requested, at the address of record from the Property Appraiser's office,, of the particular curative action required and the reasons therefore. The, then, owner(s) shall have the right to appeal such proposed curative action to the Board of County Commissioners by filing a written objection with the Clerk of the Board within thirty (30) days after receipt of written notification of said proposed curative action and the reasons therefore.
- 4. Covenant Running with the Land. This Covenant on the part of the Owner shall constitute a covenant running with the land and shall be recorded, at Owner's expense, in the public records of Miami-Dade County, Florida, together with a certified copy of the Board of County Commissioners' resolution accepting the covenant, and shall remain in full force and effect and be binding on undersigned Owner, and their heirs, successors and assigns until such time as the same is modified or released. These restrictions during their lifetime shall be for the benefit of, and limitation upon, all present and future owners of the

real property and for the benefit of Miami-Dade County and the public welfare. The Owner, and their heirs, successors and assigns, acknowledge that acceptance of this Covenant does not in any way obligate or provide a limitation on the County. The Owner shall also send a copy of the recorded covenant and Board of County Commissioners' resolution accepting the covenant to the Miami-Dade County Property Appraiser.

- 5. Term. This Covenant is to run with the land and shall be binding on all parties and all persons claiming under it for a period of ten (10) years from the date this Covenant is recorded, unless an instrument signed by the, then, owner(s) of the Property has been recorded agreeing to change the covenant in whole, or in part, provided that the Covenant has first been modified or released by Miami-Dade County.
- 6. Modification, Amendment, Release. This Covenant may be modified, amended or released as to the land herein described, or any portion thereof, by written instrument executed by the, then, owner(s) of all of the Property, provided that the same is also approved by the Board of County Commissioners of Miami-Dade County, Florida. The release from this Covenant shall be made after public hearing and after a determination by the Board of County Commissioners of Miami-Dade County that such release would not adversely affect the interest of the public. Notice of said public hearing shall be published once a week for at least two (2) weeks in a newspaper of general circulation in Miami-Dade County, prior to said hearing. Furthermore, release of this Covenant shall only be made to the Owner upon payment of the deferred tax liability pursuant to Section 25B-17(b) of the Code of Miami-Dade County.

- 7. Enforcement. The, then, owner or anyone with the owner's knowledge or consent shall not use the Property in any manner inconsistent with the terms of this Covenant without first obtaining a written instrument from the Board of County Commissioners of Miami-Dade County which releases the Owner from the terms of the covenant, and which instrument must be promptly recorded in the public records of Miami-Dade County, Florida. Any violation of this section shall constitute a breach of this Covenant, for which the Board of County Commissioners may revoke the covenant and require the Owner to pay the deferred tax liability as such term is defined in Section 25B-17(b) of the Code of Miami-Dade County. This enforcement provision shall be in addition to any other remedies available at law, in equity or both.
- 8. Renewal. The current owner(s) of the property may apply to renew this covenant for successive ten (10) year periods following the termination of the term of this covenant. Applications for such renewals shall be submitted to the Miami-Dade County Department of Regulatory and Economic Resources, or successor department, and such applications for renewal may be approved administratively by the Director of the Miami-Dade County Department of Regulatory and Economic Resources, or successor department. After approval of a renewal, the Owner shall record, at Owner's expense, a renewed covenant in the public records of Miami-Dade County, Florida. Said renewed covenant shall be in a form approved by the Director of the Miami-Dade County Department of Regulatory and Economic Resources, or successor department.
- 9. <u>Election of Remedies.</u> All rights, remedies and privileges granted herein shall be deemed to be cumulative and the exercise of any one or more shall neither be deemed to

constitute an election of remedies, nor shall it preclude the party exercising the same from exercising such additional rights, remedies or privileges.

- 10. Severability. Invalidation of any one of these provisions, by judgment of Court, shall not affect any of the other provisions which shall remain in full force and effect. However, if any material portion is invalidated, the County shall be entitled to revoke any approval predicated upon the invalidated portion.
- 11. **Recording.** This Covenant, along with a certified copy of the resolution from the Board of County Commissioners accepting the Covenant, shall be filed of record in the public records of Miami-Dade County, Florida at the costs of the Owners after the effective date of the Board of County Commissioners' resolution accepting the Covenant. This Covenant shall become effective immediately upon recordation.
- 12. Acceptance of Covenant. Acceptance of this Covenant does not obligate the County in any manner, nor does it entitle the Owner to approval of any application, and the Board of County Commissioners and the County retain full power and authority to deny each such application in whole or in part.
- 13. Owner. The term Owner shall include the Owner, and its heirs, successors and assigns.

IN WITNESS WHEREOF, the undersigned day of,	I have caused this Covenant to be executed this 2013.
INDIVIDUAL	
WITNESSES:	OWNER(S):
sign Mauren Kimmy	sign Elizabeth Hernand
print Maureen Kinney	sign Elizabeth Hernandez print Elizabeth Hernandez
sign mules	Address 5/2 Fair fax Waxeland, FT
print Melante Reese	sign .
sign	print DeFFizery TCP155cm
printframela Holley,	Address 11210 SW 49 TOPL DAVISE, FC 33370
sign Stephanie Custey	DAVICE, FZ 33370
printStephanie Crissey	
STATE OF FLORIDA COUNTY OF MIAMI-DADE	
The foregoing instrument was acknowledge 2013, by Elizabeth Hernandez + Jeffrey () produced Driver's License. 1D	ed before me this 24 day of <u>Queust</u> , hise who is personally known to me of who has as identification and who did take an oath.
NOTARY PJ	JBLC:
Sign	ell: Love
Print <u>Kel</u>	1. Love
State of Flori My Commiss	da at Large (Seal) ion Expires: MY COMMISSION # EE865801 EXPIRES January 17, 2017 (407) 388-0153 FloridaNoteryService.com

THIS INSTRUMENT PREPARED BY:

Luis R. Moreno, Biologist 2
Miami-Dade County Department of Regulatory and Economic Resources
701 NW 1st Court,
Miami, Florida 33136

EXHIBIT A LEGAL DESCRIPTION

Folio Number:

30-6933-000-0252

Property Address:

Vicinity of SW 268 ST and SW 154 AVE.

Legal description:

33 56 39 2.26 AC

W1/2 OF SW1/4 OF NE1/4 OF NW1/4

LESS W180.8FT & LESS S25FT

LOT SIZE IRREGULAR

252	LEGEND	EEL Covenant Area = 2.26 Acres All Streets Parcels	Map created by J. Duncan on August 12, 2013	SCALE: 1 inch = 158.79 Feet
Exhibit B Crissey 30-6933-000-0252				SW 268 ST
Ä				

:

Exhibit C

Tropical Hardwood Hammock Management Plan for RAYMOND T. CRISSEY, TRS

Location:

Vicinity of SW 268 ST and SW 154 AVE.

Size:

2.26 acres

2.26 acres qualify for an Environmentally Endangered Lands (EEL)

covenant.

Folio #s:

30-6933-000-0252

Forest Type: Tropical Hardwood Hammock

Location

The property (site) is located east of SW 154 Avenue and north of SW 268 Street. The site has not been developed and is located inside the urban development boundary (UDB). The site was not originally designated as Natural Forest Community (NFC) but is located approximately 200 feet east of a County designated NFC. It is bordering agricultural land at its eastern side, residential properties to its south and the C-103N canal at its northern boundary.

- -Distance from nearest EEL/county-owned site: 720 feet east from parcel 30-6933-000-0300, a part of Hattie Bauer Hammock.
- -Distance from nearest EEL covenant site: 500 feet east from parcel 30-6933-000-0304.
- -Distance from nearest county-designated NFC: 200 feet east from parcel 30-6933-000-0302.

Property Information

Out of a total of 2.26 acres, the subject parcel contains approximately 2 acres of tropical hardwood hammock. The property has not been designated as NFC by the Miami-Dade County Board of County Commissioners, but a parcel located west of site, was designated as NFC in 1984 via Resolution No. R-1764-84 and may be found on Miami-Dade County Natural Forest Community Map 34, T56 R39 S33, parcel A. NFCs are protected and regulated via Section 24-49 of the Code of Miami-Dade County. The proximity of the site with the NFC area and the quality of the hammock are essential features to qualify for an EEL covenant.

Tropical hardwood hammocks contain primarily broadleaf and mostly hardwood evergreen trees growing on outcrops of limestone. The closed canopy conditions typically found in hammocks creates a humid forest interior with low light levels. Under natural conditions this community is rarely subject to fire and forms dense forests in relatively small areas. Hammocks are floristically rich and harbor some of Florida's rarest plants and also serve as habitat for a wide array of animal species. Many of the rare plants

typically harbored by this habitat are fern species found in geologically significant solution holes.

Present Condition

The site is unimpacted except for a cleared area on its northern portion adjacent to the canal bank. The remainder of the site is covered by a hardwood hammock that has transitioned from a pine rockland. The site's pine rockland history is evident by the presence of snags, few remnant slash pines (Pinus elliottii var. densa) and associated understory plants such as silver palm (Coccothrinax argentata) and saw palmetto (Serenoa repens). The parcel suffers from some invasive and exotic plant species infestation along its borders; particularly within a fringe along the northern border of the cleared area. The site can be accessed from SW 268 Street, though no maintained trail was documented. The majority of the hammock is of high quality with some disturbed substrate. This property presents geological formations like outcroppings and solution holes. The canopy is dominated by native species such as wild tamarind (Lysiloma latisiliquum), gumbo limbo (Bursera simaruba), poison wood (Metopium toxiferum) and willow bustic (Sideroxilon salicifolium). The understory and subcanopy layers of the site are dominated by natives such as wild coffee (Psychotria nervosa), and lancewood (Ocotea coriacea) and paradise tree (Simarouba glauca) saplings. Several State listed threatened species such as Krug's holly (Ilex krugiana), silver palm (C. argentata), and Simpson's stopper (Myrcianthes fragrans) are also present. A plant list is provided below.

The site does not appear to have recently undergone management by the property owner. Exotic removal has not taken place, and the most affected areas are located along the perimeter of the hammock, which contain infestations of Burma reed (Neyraudia reynaudiana) and Brazilian pepper (Schinus terebinthifolious).

Conclusion

Overall, the site is in good condition and its hammock quality will improve with future management efforts encouraged and supported by the EEL covenant. Future management of this property will center on eliminating invasive exotic plant species and maintaining rare native species.

Ecological Goals

- 1. Increase plant biodiversity on the entire site.
- 2. Maintain and increase hardwood hammock plant species diversity.
- 3. Provide habitat for native wildlife.

Management Goals

- 1. Eliminate invasive exotic plants to achieve less than 3% exotic cover. Control of exotic species on the northern perimeter of the site from further encroachment into the interior areas of the hammock.
- 2. Increase biodiversity with appropriate native plant species.
- 3. Allow natural regeneration of native plants.

Department staff will periodically inspect the properties to ensure that management goals are achieved.

Management Techniques and Schedule

Mowing and vehicle traffic within the hammock area of the covenanted site is not allowed. The cleared area to the north of the property can be used as staging area for the maintenance activities and the temporary storage of vegetative debris during maintenance activities. No heavy machinery is allowed within the site. All work must be done by hand (i.e., chainsaw, hand tools).

- Year 1-2: Hand removal and herbicide treatment of all invasive and exotic plant species and vines (non-native and native woody). Exotic and invasive plant species along the northern perimeter of the existing mowed area should be treated first. This mowed area must be kept clear of invasive and exotic plant species. All exotic plant species seedlings should be hand pulled whenever feasible. Multiple follow-up herbicide treatments may be needed for cut stumps. Care must be taken when removing or treating exotics as openings in the canopy provide opportunities for invasive plant species recruitment. Areas of extensive exotic removal that result in openings in the canopy should be closely monitored to ensure the recruitment of appropriate native species. Heavy machinery is not, under any circumstances or purposes, to be used within any portion of the property that is covered under this covenant.
- Year 3-10: Continue invasive and exotic plant species control. Control woody and herbaceous vines as needed. Efforts should be concentrated to remove exotics located along the perimeter of the hammock. Treat any resprouting or recolonizing invasive and exotic plant species. Ensure a closed canopy during plant removal. All exotic seedlings should be hand pulled if possible. Multiple herbicide treatments may be needed. Monitor hardwood and herbaceous understory regeneration and health. Monitor the good quality hammock areas to ensure <3% exotic coverage. Plant appropriate native hammock vegetation in the treated covenanted areas if native species have not recolonized.

PLANT SPECIES LIST*

Plant taxa are listed by habit and origin. Key to Origin/Status codes:

N	native to South Florida
R	ruderal
FL-End	listed as an endangered species in the state of Florida
FL-Thr	listed as a threatened species in the state of Florida
E	exotic to South Florida
EPPC I	category I as per Florida Exotic Pest Plant Council (most invasive)
ЕРРС П	category II as per Florida Exotic Pest Plant Council (invasive)
•	TREES

Common Name	Scientific Name	Origin/Status
Brazilian pepper	Schinus terebenthifolious	E/EPPC I
Gumbo limbo	Bursera simaruba	N
Inkwood	Exothea paniculata	N
Krug's holly	Ilex krugiana	N (FL-Thr)
Lancewood	Ocotea coriacea	N
Live oak	Quercus virginiana	N
Marlberry	Ardisia escallonoides	N
Paradise tree	Simarouba glauca	N
Pigeon plum	Coccoloba diversifolia	N
Poison wood	Metopium toxiferum	N
Sabal palm	Sabal palmetto	N
Saw palmetto	Serenoa repens	N
Shoebutton ardisia	Ardisia elliptica	E/EPPC I
Silver palm	Coccothrinax argentata	N (FL-Thr)
Simpson stopper	Myrcianthes fragrans	N (FL-Thr)
Slash pine	Pinus elliottii var. densa	N/Endemic
Spanish stopper	Eugenia foetida	$\mathbf N$
Tropical almond	Terminalia catappa	E/EPPC II
Umbrella tree	Schefflera actinophylla	E/EPPC I
White stopper	Eugenia axillaris	N
Wild tamarind	Lysiloma latisiliquum	N
Willow bustic	Sideroxylon salicifolium	N

SHRUBS, GROUNDCOVERS AND OTHER PLANTS

Common Name	Scientific Name	Origin/Status	
Beach creeper	Ernodea littoralis	N	
Brazilian jasmine	Jasminum fluminense	E/EPPC I	
Burma reed	Neyraudia reynaudiana	E/EPPC I	
Cheeseweed	Morinda royoc	N	

Coontie	Zamia integrifolia	N
Coral bean .	Erythrina herbacea	N
Dollarleaf -	Rhynchosia reniformis	N
Eyebright	Ayenia euphrasiifolia	N
Firebush	Hamelia patens	N
Five-petal leaf flower	Phyllanthus pentaphyllus	N/Endemic
Green brier	Smilax spp.	N
Gulf graytwig	Schoepfia chrysophylloides	N
Hammock snowberry	Chiococca alba	N
Locustberry	Byrsonima lucida	N (FL-Thr)
Low rattlebox	Crotolaria pumila	N
Mexican alvaradoa	Alvaradoa amorphioides	N (FL-End)
Milkpea	Galactia	N
Muscadine grape	Vitis rotundifolia	N
Myrsine	Myrsine cubana	N
Oyster plant	Tradescantia spathacea	E/EPPC II
Pineland clustervine	Jacquemontia curtisii	N (FL-Thr)
Pineland fern	Anemia adiantifolia	N
Pineland snowberry	Chiococca parvifolia	N
Quailberry	Crossopetalum illicifolium	N (FL-Thr)
Resurrection fern	Pleopeltis polypodioides	N
Rocklands noseburn	Tragia saxicola	N (FL-Thr)
Rough velvet-seed	Guettarda scabra	N
Shrub eupatorium	Koanophyllon villosum	N (FL-End)
Snake plant	Sansevieria cylindrical	E/EPPC II
Wax myrtle	Myrica cerifera	N
West Indian cherry	Prunus myrtifolia	N (FL-Thr)
West Indian lilac	Tetrazygia bicolor	N (FL-Thr)
White indigoberry	Randia aculeata	N
White-top sedge	Rhynchospora colorata	N
Wild coffee	Psychrotia nervosa	N

^{*}Please note that this is not a complete plant species list. The list includes the plants that account for the highest percentage of overall biomass within the property.

MANAGEMENT PLAN AGREEMENT (must be signed by all owners)

I, <u>FLIzabeth</u> Hernande Thereby certify that I have read and understood this management plan, and agree to follow its management recommendations.

Elizabeth Hernand

DATE

I, Jeff Lie I Colors hereby co this management plan, and agree to follow its management	ertify that I have read and understood
Miedled	8/24/13
SIGNATURE	DATE

ATTACHMENT C

COVENANT RUNNING WITH THE LAND IN FAVOR OF MIAMI-DADE COUNTY, FLORIDA, CONCERNING ENVIRONMENTALLY ENDANGERED LAND LOCATED IN THE VICINITY OF SW 268 STREET AND SW 154 AVENUE, MIAMI-DADE COUNTY, FLORIDA, CURRENTLY FOLIO # 30-6933-000-0254

WHEREAS, the undersigned Owner holds the fee simple title to the land in Miami-Dade County, Florida, described in Exhibit "A," attached hereto, and hereinafter called the "Property," and

IN ORDER TO ASSURE the County that the representations made by the Owner in the application, pursuant to Chapter 25B of the Code of Miami-Dade County and Section 193.501 of the Florida Statutes, will be abided by the Owner freely, voluntarily, and without duress, the Owner makes the following Covenant covering and running with the property:

- The EEL Preservation Area on the Property, as shown on the map attached hereto as Exhibit
 B and incorporated herein by reference, shall be maintained in its present natural state.
- 2. The EEL Preservation Area on the Property shall be and the same is hereby subject to the conservation restrictions set forth in Exhibit C, which is attached hereto and incorporated herein by reference, including, but not limited to, the requirement that the Owner, shall maintain the EEL Preservation Area free of vegetation which is not native to Miami-Dade County, pursuant to Section 24-5 of the Code of Miami-Dade County and as determined by the Director of the Department of Regulatory and Economic Resources, or successor department, in his or her sole discretion. No native vegetation may be removed, trimmed, or destroyed in the EEL Preservation Area without prior written consent from the Director

or Director's designee of the Department of Regulatory and Economic Resources, or successor department.

- 3. County Inspection and Requests for Curative Action. As further part of this Covenant, it is hereby understood and agreed that any official inspector of Miami-Dade County, or its agents duly authorized, shall have the right, upon written notification to the, then, owner(s) of the Property, as reflected in the Property Appraiser's records, to inspect the Property at reasonable times to determine whether the Property is being maintained in the manner required by this Covenant. Should the County determine after such an inspection that some curative action on the Property is necessary in order to preserve the terms of this covenant, the County shall notify the then, owner(s) in writing by Certified Mail, return receipt requested, at the address of record from the Property Appraiser's office,, of the particular curative action required and the reasons therefore. The, then, owner(s) shall have the right to appeal such proposed curative action to the Board of County Commissioners by filing a written objection with the Clerk of the Board within thirty (30) days after receipt of written notification of said proposed curative action and the reasons therefore.
- 4. Covenant Running with the Land. This Covenant on the part of the Owner shall constitute a covenant running with the land and shall be recorded, at Owner's expense, in the public records of Miami-Dade County, Florida, together with a certified copy of the Board of County Commissioners' resolution accepting the covenant, and shall remain in full force and effect and be binding on undersigned Owner, and their heirs, successors and assigns until such time as the same is modified or released. These restrictions during their lifetime shall be for the benefit of, and limitation upon, all present and future owners of the

real property and for the benefit of Miami-Dade County and the public welfare. The Owner, and their heirs, successors and assigns, acknowledge that acceptance of this Covenant does not in any way obligate or provide a limitation on the County. The Owner shall also send a copy of the recorded covenant and Board of County Commissioners' resolution accepting the covenant to the Miami-Dade County Property Appraiser.

- 5. <u>Term.</u> This Covenant is to run with the land and shall be binding on all parties and all persons claiming under it for a period of ten (10) years from the date this Covenant is recorded, unless an instrument signed by the, then, owner(s) of the Property has been recorded agreeing to change the covenant in whole, or in part, provided that the Covenant has first been modified or released by Miami-Dade County.
- 6. Modification, Amendment, Release. This Covenant may be modified, amended or released as to the land herein described, or any portion thereof, by written instrument executed by the, then, owner(s) of all of the Property, provided that the same is also approved by the Board of County Commissioners of Miami-Dade County, Florida. The release from this Covenant shall be made after public hearing and after a determination by the Board of County Commissioners of Miami-Dade County that such release would not adversely affect the interest of the public. Notice of said public hearing shall be published once a week for at least two (2) weeks in a newspaper of general circulation in Miami-Dade County, prior to said hearing. Furthermore, release of this Covenant shall only be made to the Owner upon payment of the deferred tax liability pursuant to Section 25B-17(b) of the Code of Miami-Dade County.

- 7. Enforcement. The, then, owner or anyone with the owner's knowledge or consent shall not use the Property in any manner inconsistent with the terms of this Covenant without first obtaining a written instrument from the Board of County Commissioners of Miami-Dade County which releases the Owner from the terms of the covenant, and which instrument must be promptly recorded in the public records of Miami-Dade County, Florida. Any violation of this section shall constitute a breach of this Covenant, for which the Board of County Commissioners may revoke the covenant and require the Owner to pay the deferred tax liability as such term is defined in Section 25B-17(b) of the Code of Miami-Dade County. This enforcement provision shall be in addition to any other remedies available at law, in equity or both.
- 8. Renewal. The current owner(s) of the property may apply to renew this covenant for successive ten (10) year periods following the termination of the term of this covenant. Applications for such renewals shall be submitted to the Miami-Dade County Department of Regulatory and Economic Resources, or successor department, and such applications for renewal may be approved administratively by the Director of the Miami-Dade County Department of Regulatory and Economic Resources, or successor department. After approval of a renewal, the Owner shall record, at Owner's expense, a renewed covenant in the public records of Miami-Dade County, Florida. Said renewed covenant shall be in a form approved by the Director of the Miami-Dade County Department of Regulatory and Economic Resources, or successor department.
- 9. <u>Election of Remedies.</u> All rights, remedies and privileges granted herein shall be deemed to be cumulative and the exercise of any one or more shall neither be deemed to

constitute an election of remedies, nor shall it preclude the party exercising the same from exercising such additional rights, remedies or privileges.

- 10. <u>Severability.</u> Invalidation of any one of these provisions, by judgment of Court, shall not affect any of the other provisions which shall remain in full force and effect. However, if any material portion is invalidated, the County shall be entitled to revoke any approval predicated upon the invalidated portion.
- 11. Recording. This Covenant, along with a certified copy of the resolution from the Board of County Commissioners accepting the Covenant, shall be filed of record in the public records of Miami-Dade County, Florida at the costs of the Owners after the effective date of the Board of County Commissioners' resolution accepting the Covenant. This Covenant shall become effective immediately upon recordation.
- 12. Acceptance of Covenant. Acceptance of this Covenant does not obligate the County in any manner, nor does it entitle the Owner to approval of any application, and the Board of County Commissioners and the County retain full power and authority to deny each such application in whole or in part.
- 13. Owner. The term Owner shall include the Owner, and its heirs, successors and assigns.

IN WITNESS WHEREOF, the undersigned day of August,	have caused this Covenant to be executed this 2013.
INDIVIDUAL -	
WITNESSES:	OWNER(S):
sign Mula (K	print Elizabeth Hernandez
print Melane Reese	print Elizabeth Hernandez
sign Mauren Kinny)	Address Spi fair fax w. Lakeland,
print Maureen Kinney	sign .
signtephanie Cruber	print Jeggisul Cossel
print 57 ephanie Crissey	Address 11210 Sw 49MPL DAVI-C, FZ . 33330
sign Vel	DAVIC, FC. 33330
printPamela Hatel	
STATE OF FLORIDA COUNTY OF MIAMI-DADE	
The foregoing instrument was acknowledge 2013, by Elizabeth Hernandez Lettrey Coproduced Driver's License 1D	d before me this 24 day of lugust, missely who is personally known to me or who has as identification and who did take an oath.
NOTARY PU	BLIC:
Print_Kel	li Love
State of Florio My Commiss	la at Large (Seal) ion Expires: KELLI JLOVE
,	MY COMMISSION # EE885801

THIS INSTRUMENT PREPARED BY:

Luis R. Moreno, Biologist 2
Miami-Dade County Department of Regulatory and Economic Resources
701 NW 1st Court,
Miami, Florida 33136

EXHIBIT A LEGAL DESCRIPTION

Folio Number:

30-6933-000-0254

Property Address:

Vicinity of SW 268 ST and SW 154 AVE.

Legal description:

33 56 39 2.64 AC

W180.80FT OF SW1/4 OF NE1/4 OF

NW1/4 LESS S25FT LOT SIZE IRREGULAR

bit B Crissey 30-6933-000-0254	LEGEND	EEL Covenant Area = 2.64 Acres All Streets All Streets Parcels		Map created by J. Duncan on August 12, 2013	SW 268 ST
Exhibit B			41		

Exhibit C

Tropical Hardwood Hammock Management Plan for RAYMOND T. CRISSEY, TRS

Location:

Vicinity of SW 268 ST and SW 154 AVE.

Size:

2.64 acres

2.64 acres qualify for an Environmentally Endangered Lands (EEL)

covenant.

Folio #s:

30-6933-000-0254

Forest Type: Tropical Hardwood Hammock

Location

The property (site) is located east of SW 154 Avenue and north of SW 268 Street. The site has not been developed and is located inside the urban development boundary (UDB). The site was not originally designated as Natural Forest Community (NFC) but neighbors a County designated NFC. It is bordering agricultural land at its eastern side, residential properties to its south and the C-103N canal at its northern boundary.

- -Distance from nearest EEL/county-owned site: 670 feet east from parcel 30-6933-000-0300, a part of Hattie Bauer Hammock.
- -Distance from nearest EEL covenant site: 300 feet east from parcel 30-6933-000-0304.
- -Distance from nearest county-designated NFC: 0 feet east from parcel 30-6933-000-0302.

Property Information

The subject parcel contains approximately 2.3 acres, out of a total of 2.64 acres, of tropical hardwood hammock. The property has not been designated as Natural Forest Community (NFC) by the Miami-Dade County Board of County Commissioners, but the adjacent parcel 30-6933-000-0300, located west of site, was designated NFC in 1984 via Resolution No. R-1764-84 and may be found on Miami-Dade County Natural Forest Community Map 34, T56 R39 S33, parcel A. NFCs are protected and regulated via Section 24-49 of the Code of Miami-Dade County. The direct connection of the site with the NFC area and the quality of the hammock are essential features to qualify for an EEL covenant.

Tropical hardwood hammocks contain primarily broadleaf and mostly hardwood evergreen trees growing on outcrops of limestone. The closed canopy conditions typically found in hammocks creates a humid forest interior with low light levels. Under natural conditions this community is rarely subject to fire and forms dense forests in relatively small areas. Hammocks are floristically rich and harbor some of Florida's rarest plants and also serve as habitat for a wide array of animal species. Many of the rare plants typically harbored by this habitat are fern species found in geologically significant solution holes.

Present Condition

The parcel is mostly unimpacted except for a cleared area of on its northern portion adjacent to the canal bank. The remainder of the site is covered by a hardwood hammock that has transitioned from a pine rockland. The site's pine rockland history is evident by the presence of snags, few remnant slash pines (Pinus elliottii var. densa) and associated understory plants such as silver palm (Coccothrinax argentata) and saw palmetto (Serenoa repens). The parcel suffers from some invasive and exotic plant species infestation along its borders; particularly within a fringe along the northern border of the cleared area. A smaller pocket (0.04 acre) of fill encroachment is found near the mid portion of the western property line. The site can be accessed from SW 268 Street, though no maintained trail was documented throughout the property. The majority of the hammock is of high quality with some disturbed substrate. This property presents geological formations like outcroppings and solution holes. The canopy is dominated by native species such as wild tamarind [(Lysiloma latisiliquum), including 2 specimen size trees], gumbo limbo (Bursera simaruba), poison wood (Metopium toxiferum) and willow bustic (Sideroxilon salicifolium). The understory and subcanopy layers of the site are dominated by natives such as wild coffee (Psychotria nervosa), and lancewood (Ocotea coriacea) and paradise tree (Simarouba glauca) saplings. Several State listed threatened species such as Krug's holly (*Ilex krugiana*), silver palm (*C. argentata*), and Simpson's stopper (Myrcianthes fragrans) are also present. A plant list is provided below.

The site does not appear to have recently undergone management by the property owner. Exotic removal has not taken place, and the most affected areas are located along the perimeter of the hammock, which present infestations of Burma reed (*Neyraudia reynaudiana*) and Brazilian pepper (*Schinus terebinthifolious*).

Conclusion

Overall, the site is in good condition and its hammock quality will improve with future management efforts encouraged and supported by the EEL covenant. Future management of this property will center on eliminating invasive exotic plant species and maintaining rare native species.

Ecological Goals

- 1. Increase plant biodiversity on the entire site.
- 2. Maintain and increase hardwood hammock plant species diversity.
- 3. Provide habitat for native wildlife.

Management Goals

- 1. Eliminate invasive exotic plants to achieve less than 3% exotic cover. Control of exotic species on the northern perimeter of the site from further encroachment into the interior areas of the hammock.
- 2. Increase biodiversity with appropriate native plant species.
- 3. Allow natural regeneration of native plants.

Department staff will periodically inspect the properties to ensure that management goals are achieved.

Management Techniques and Schedule

Mowing and vehicle traffic within the hammock area of the covenanted site is not allowed. The cleared area to the north of the property can be used as staging area for the maintenance activities and the temporary storage of vegetative debris during maintenance activities. No heavy machinery is allowed within the site. All work must be done by hand (i.e., chainsaw, hand tools).

- Year 1-2: Hand removal and herbicide treatment of all invasive and exotic plant species and vines (non-native and native woody). Exotic and invasive plant species along the northern perimeter of the existing mowed area should be treated first. This mowed area must be kept clear of invasive and exotic plant species. All exotic plant species seedlings should be hand pulled whenever feasible. Multiple follow-up herbicide treatments may be needed for cut stumps. Care must be taken when removing or treating exotics as openings in the canopy provide opportunities for invasive plant species recruitment. Areas of extensive exotic removal that result in openings in the canopy should be closely monitored to ensure the recruitment of appropriate native species. Heavy machinery is not, under any circumstances or purposes, to be used within any portion of the property that is covered under this covenant.
- Year 3-10: Continue invasive and exotic plant species control. Control woody and herbaceous vines as needed. Efforts should be concentrated to remove exotics located along the perimeter of the hammock. Treat any resprouting or recolonizing invasive and exotic plant species. Ensure a closed canopy during plant removal. All exotic seedlings should be hand pulled if possible. Multiple herbicide treatments may be needed. Monitor hardwood and herbaceous understory regeneration and health. Monitor the good quality hammock areas to ensure <3% exotic coverage. Plant appropriate native hammock vegetation in the treated covenanted areas if native species have not recolonized.

PLANT SPECIES LIST*

Plant taxa are listed by habit and origin. Key to Origin/Status codes:

N	native to South Florida		
R	ruderal		
FL-End	listed as an endangered species in the state of Florida		
FL-Thr	listed as a threatened species in the state of Florida		
E	exotic to South Florida		
EPPC I	category I as per Florida Exotic Pest Plant Council (most invasive)		
EPPC II	category II as per Florida Exotic Pest Plant Council (invasive)		
TREES			

Common Name	Scientific Name	Origin/Status
Brazilian pepper	Schinus terebenthifolious	E/EPPC I
Gumbo limbo	Bursera simaruba	N
Inkwood	Exothea paniculata	N
Krug's holly	Ilex krugiana	N (FL-Thr)
Lancewood	Ocotea coriacea	N `
Live oak	Quercus virginiana	N
Marlberry	Ardisia escallonoides	N
Paradise tree	Simarouba glauca	\mathbf{N}
Pigeon plum	Coccoloba diversifolia	N
Poison wood	Metopium toxiferum	N
Sabal palm	Sabal palmetto	N
Saw palmetto	Serenoa repens	N
Shoebutton ardisia	Ardisia elliptica	E/EPPC I
Silver palm	Coccothrinax argentata	N (FL-Thr)
Simpson stopper	Myrcianthes fragrans	N (FL-Thr)
Slash pine	Pinus elliottii var. densa	N/Endemic
Spanish stopper	Eugenia foetida	N
Tropical almond	Terminalia catappa	E/EPPC II
Umbrella tree	Schefflera actinophylla	E/EPPC I
White stopper	Eugenia axillaris	N
Wild tamarind	Lysiloma latisiliquum	N
Willow bustic	Sideroxylon salicifolium	N

SHRUBS, GROUNDCOVERS AND OTHER PLANTS

Common Name	Scientific Name	Origin/Status
Beach creeper	Ernodea littoralis	N
Brazilian jasmine	Jasminum fluminense	E/EPPC I
Burma reed	Neyraudia reynaudiana	E/EPPC I
Cheeseweed	Morinda royoc	N

Coontie	Zamia integrifolia	N
Coral bean	Erythrina herbacea	N
Dollarleaf -	Rhynchosia reniformis	N ·
Eyebright	Ayenia euphrasiifolia	N
Firebush	Hamelia patens	N
Five-petal leaf flower	Phyllanthus pentaphyllus	N/Endemic
Green brier	Smilax spp.	N
Gulf graytwig	Schoepfia chrysophylloides	N
Hammock snowberry	Chiococca alba	N
Locustberry	Byrsonima lucida	N (FL-Thr)
Low rattlebox	Crotolaria pumila	N
Mexican alvaradoa	Alvaradoa amorphioides	N (FL-End)
Milkpea	Galactia	N
Muscadine grape	Vitis rotundifolia	N
Myrsine	Myrsine cubana	N
Oyster plant	Tradescantia spathacea	E/EPPC II
Pineland clustervine	Jacquemontia curtisii	N (FL-Thr)
Pineland fern	Anemia adiantifolia	N
Pineland snowberry	Chiococca parvifolia	N
Quailberry	Crossopetalum illicifolium	N (FL-Thr)
Resurrection fern	Pleopeltis polypodioides	N
Rocklands noseburn	Tragia saxicola	N (FL-Thr)
Rough velvet-seed	Guettarda scabra	N
Shrub eupatorium	Koanophyllon villosum	N (FL-End)
Snake plant	Sansevieria cylindrical	E/EPPC II
Wax myrtle	Myrica cerifera	N
West Indian cherry	Prunus myrtifolia	N (FL-Thr)
West Indian lilac	Tetrazygia bicolor	N (FL-Thr)
White indigoberry	Randia aculeata	N
White-top sedge	Rhynchospora colorata	N
Wild coffee	Psychrotia nervosa	N

^{*}Please note that this is not a complete plant species list. The list includes the plants that account for the highest percentage of overall biomass within the property.

MANAGEMENT PLAN AGREEMENT (must be signed by all owners)

I, E/12 abeth Hunande Z hereby certify that I have read and understood this management plan, and agree to follow its management recommendations.

Elizabeth Hernand

	hereby certify that I have read and understood
this management plan, and agree to follow	its management recommendations.
SIGNATURE	8/24/13 DATE

ATTACHMENT D

COVENANT RUNNING WITH THE LAND IN FAVOR OF MIAMI-DADE COUNTY, FLORIDA, CONCERNING ENVIRONMENTALLY ENDANGERED LAND LOCATED AT 26251 SW 162 AVENUE, MIAMI-DADE COUNTY, FLORIDA, CURRENTLY FOLIO # 30-6929-000-0371

WHEREAS, the undersigned Owner holds the fee simple title to the land in Miami-Dade County, Florida, described in Exhibit "A," attached hereto, and hereinafter called the "Property," and

IN ORDER TO ASSURE the County that the representations made by the Owner in the application, pursuant to Chapter 25B of the Code of Miami-Dade County and Section 193.501 of the Florida Statutes, will be abided by the Owner freely, voluntarily, and without duress, the Owner makes the following Covenant covering and running with the property:

- The EEL Preservation Area on the Property, as shown on the map attached hereto as Exhibit
 B and incorporated herein by reference, shall be maintained in its present natural state.
- 2. The EEL Preservation Area on the Property shall be and the same is hereby subject to the conservation restrictions set forth in Exhibit C, which is attached hereto and incorporated herein by reference, including, but not limited to, the requirement that the Owner, shall maintain the EEL Preservation Area free of vegetation which is not native to Miami-Dade County, pursuant to Section 24-5 of the Code of Miami-Dade County and as determined by the Director of the Department of Regulatory and Economic Resources, or successor department, in his or her sole discretion. No native vegetation may be removed, trimmed, or destroyed in the EEL Preservation Area without prior written consent from the Director

or Director's designee of the Department of Regulatory and Economic Resources, or successor department.

- 3. County Inspection and Requests for Curative Action. As further part of this Covenant, it is hereby understood and agreed that any official inspector of Miami-Dade County, or its agents duly authorized, shall have the right, upon written notification to the, then, owner(s) of the Property, as reflected in the Property Appraiser's records, to inspect the Property at reasonable times to determine whether the Property is being maintained in the manner required by this Covenant. Should the County determine after such an inspection that some curative action on the Property is necessary in order to preserve the terms of this covenant, the County shall notify the then, owner(s) in writing by Certified Mail, return receipt requested, at the address of record from the Property Appraiser's office,, of the particular curative action required and the reasons therefore. The, then, owner(s) shall have the right to appeal such proposed curative action to the Board of County Commissioners by filing a written objection with the Clerk of the Board within thirty (30) days after receipt of written notification of said proposed curative action and the reasons therefore.
- 4. Covenant Running with the Land. This Covenant on the part of the Owner shall constitute a covenant running with the land and shall be recorded, at Owner's expense, in the public records of Miami-Dade County, Florida, together with a certified copy of the Board of County Commissioners' resolution accepting the covenant, and shall remain in full force and effect and be binding on undersigned Owner, and their heirs, successors and assigns until such time as the same is modified or released. These restrictions during their lifetime shall be for the benefit of, and limitation upon, all present and future owners of the

real property and for the benefit of Miami-Dade County and the public welfare. The Owner, and their heirs, successors and assigns, acknowledge that acceptance of this Covenant does not in any way obligate or provide a limitation on the County. The Owner shall also send a copy of the recorded covenant and Board of County Commissioners' resolution accepting the covenant to the Miami-Dade County Property Appraiser.

- 5. <u>Term.</u> This Covenant is to run with the land and shall be binding on all parties and all persons claiming under it for a period of ten (10) years from the date this Covenant is recorded, unless an instrument signed by the, then, owner(s) of the Property has been recorded agreeing to change the covenant in whole, or in part, provided that the Covenant has first been modified or released by Miami-Dade County.
- 6. Modification, Amendment, Release. This Covenant may be modified, amended or released as to the land herein described, or any portion thereof, by written instrument executed by the, then, owner(s) of all of the Property, provided that the same is also approved by the Board of County Commissioners of Miami-Dade County, Florida. The release from this Covenant shall be made after public hearing and after a determination by the Board of County Commissioners of Miami-Dade County that such release would not adversely affect the interest of the public. Notice of said public hearing shall be published once a week for at least two (2) weeks in a newspaper of general circulation in Miami-Dade County, prior to said hearing. Furthermore, release of this Covenant shall only be made to the Owner upon payment of the deferred tax liability pursuant to Section 25B-17(b) of the Code of Miami-Dade County.

- 7. Enforcement. The, then, owner or anyone with the owner's knowledge or consent shall not use the Property in any manner inconsistent with the terms of this Covenant without first obtaining a written instrument from the Board of County Commissioners of Miami-Dade County which releases the Owner from the terms of the covenant, and which instrument must be promptly recorded in the public records of Miami-Dade County, Florida. Any violation of this section shall constitute a breach of this Covenant, for which the Board of County Commissioners may revoke the covenant and require the Owner to pay the deferred tax liability as such term is defined in Section 25B-17(b) of the Code of Miami-Dade County. This enforcement provision shall be in addition to any other remedies available at law, in equity or both.
- 8. Renewal. The current owner(s) of the property may apply to renew this covenant for successive ten (10) year periods following the termination of the term of this covenant. Applications for such renewals shall be submitted to the Miami-Dade County Department of Regulatory and Economic Resources, or successor department, and such applications for renewal may be approved administratively by the Director of the Miami-Dade County Department of Regulatory and Economic Resources, or successor department. After approval of a renewal, the Owner shall record, at Owner's expense, a renewed covenant in the public records of Miami-Dade County, Florida. Said renewed covenant shall be in a form approved by the Director of the Miami-Dade County Department of Regulatory and Economic Resources, or successor department.
- 9. <u>Election of Remedies.</u> All rights, remedies and privileges granted herein shall be deemed to be cumulative and the exercise of any one or more shall neither be deemed to

constitute an election of remedies, nor shall it preclude the party exercising the same from exercising such additional rights, remedies or privileges.

- 10. <u>Severability.</u> Invalidation of any one of these provisions, by judgment of Court, shall not affect any of the other provisions which shall remain in full force and effect. However, if any material portion is invalidated, the County shall be entitled to revoke any approval predicated upon the invalidated portion.
- 11. **Recording.** This Covenant, along with a certified copy of the resolution from the Board of County Commissioners accepting the Covenant, shall be filed of record in the public records of Miami-Dade County, Florida at the costs of the Owners after the effective date of the Board of County Commissioners' resolution accepting the Covenant. This Covenant shall become effective immediately upon recordation.
- 12. Acceptance of Covenant. Acceptance of this Covenant does not obligate the County in any manner, nor does it entitle the Owner to approval of any application, and the Board of County Commissioners and the County retain full power and authority to deny each such application in whole or in part.
- 13. Owner. The term Owner shall include the Owner, and its heirs, successors and assigns.

IN WITNESS WHEREOF, the undersigned	d have caused this Covenant to be executed this
27 day of august.	
INDIVIDUAL .	
WITNESSES:	OWNER(S):
sign Merken	sign Robert Jamelion
print MANA L. Quigley	print Aplene M. Sanation
sign	Address 26251 S.W. 162ad Alb
print Cayla Polladore,	sign Jon Jamalion
sign Meer Clean	print <u>Xori Servation</u> 262515W162 Ave
print MARIAP Gleigley	Address Homestead, Fla. 33031
sign Am	
print Leyla Paylactures	,
STATE OF FLORIDA COUNTY OF MIAMI-DADE	
	ed before me this 27 day of august
2013, by Adam MSandion/Low Small	who is personally known to me or who has as identification and who did take an oath.
	manufacture.
NOTARY P	UBLIC:
Sign Du	reen Que
Print <u>///</u> State of Flor	AliA V. Grengley ida at Large (Seal)
	MARIA P. QUIGLEY Commission # EE 860827 Expires February 2, 2017 Bonded Thru Troy Fain Insutrance 800-385-7019

THIS INSTRUMENT PREPARED BY:

James G. Duncan, Biologist I
Miami-Dade County Department of Regulatory and Economic Resources
701 NW 1st Court,
Miami, Florida 33136

EXHIBIT A LEGAL DESCRIPTION

Folio Number:

30-6929-000-0371

Property Address:

26251 SW 162 AVE

Legal description:

29 56 39 8.86 AC M/L

SW1/4 OF SW1/4 OF SE1/4 LESS

S35FT & W35FT TO CO

SUBJECT TO NFC REST ON 3.92 AC &

EEL ON 4.9 R-13203 EXP 12/04/13

371		LEGEND	Major Streets EEL Covenant Area = 5.29 acres Parcels Parcels		Data collected on 06/23/2013 by J. Duncan, T. Joyner, and L. Moreno	Map created by J. Duncan on 6/26/2013		SCALE: 1 inch = 151.29 Feet
Exhibit B Samalion 30-6929-000-0371			#ANE	ONS JESUD Y			SW 264TH ST	
	·			55				

Exhibit C Management Plan for Arlene Samalion

Location:

26251 SW 162 AVE, Miami-Dade County, Florida.

Size:

8.86 acre parcel

5.29 acres qualify for an Environmentally Endangered Lands (EEL)

covenant

Folio #:

30-6929-000-0371

Forest Type: Pinc Rockland

Location

The property is located at 26251 SW 162 Avenue and lies in Section 29 of Township 56, Range 39.

Distance from nearest EEL site: approximately 1,500 feet from Hattie Bauer Pineland. Distance from nearest county-designated Natural Forest Community (NFC): 0 feet from folio: 30-6929-000-0370.

Property Information

The property contains an area of undeveloped pineland and remnant rockly glade on the southern side and a private residence in the northern half of the parcel. This property is surrounded by agricultural land use on all borders except the western border which is adjacent to an unmaintained NFC Pine Rockland site (see exhibit B).

The natural plant community is typical of a Pine Rockland with an open understory. The tree species dominating the site are slash pines (*Pinus elliotti* var *densa*) and native hardwood and palm trees recruiting in the subcanopy. The understory consists of typical Pine Rockland plant species. These include, but are not limited to, silver palm (*Coccothrinax argentata*), myrsine (*Myrsine cubana*), West Indian lilac (*Tetrazygia bicolor*), white indigoberry (*Rhandia aculeata*), saw palmetto (*Serenoa repens*), poisonwood (*Metopium toxiferum*), pineland snowberry (*Chioccoca parviflora*) and coontie (*Zamia pumila*). Overall the site has a good amount of plant diversity including endemic and/or listed species; notably, federally endangered Gould's sandmat (*Chamaesyce deltoidii* subsp *adhaerens*) has been reported to occur here (IRC). A plant list is attached below.

Some exotic and invasive species are found on site. These include small amounts of woman's tongue (*Albizia lebbeck*), napier grass (*Pennisetum purpureum*), Burma reed (*Neyraudia reynaudiana*), Brazilian pepper (*Schinus terebinthifolius*) in the pine rockland and a dominance of bishop's wood (*Bischofia javanica*) and Queensland umbrella tree

(Schefflera actinophylla) in the rocky glade. The property owner has been removing invasive species and young hardwoods in the pine rockland by hand pulling and/or treating with herbicides. The property owner has been part of the IRC Pine Rockland Initiative which began removing invasive species in 2009. The natural area contains less than 5% exotic species.

Present Condition

The portion of the property that qualifies for an EEL covenant consists of two (2) management areas. The main area located on the southern half of the property is intact rock pineland and the smaller area located adjacent to the northeast portion of the pine rockland area appears to be remanat rocky glade.. It shall be noted that the site is an important part of a wildlife corridor in the considerably fragmented surrounding area. The site especially serves as a corridor for birds which can easily traverse the few miles between natural areas.

Invasive species and hardwoods encroaching into the understory need constant maintenance. A small area of the site naturally burned in 2013 but the covenanted area remains in need of a prescribed burn to reduce the amount of fuel load that has formed. The neighboring properties contain seed sources for numerous invasive plants, requiring the need for constant monitoring and treatment of exotic plants within the covenanted area.

Ecological Goals

- 1. Maintain pine rockland area to allow for a pine rockland understory dominated by herbaceous plant species.
- 2. Promote regeneration and recruitment of native pine rockland plant species.
- 3. Convert the rocky glade vegetation cover from exotic to native species.
- 4. Provide suitable habitat for native wildlife.
- 5. Eliminate non-native and control invasive plant species found on the site.

Management Goals

- 1. Continue to eliminate exotic plant species from the interior of the pine rockland to maintain less 3% or less exotic plant cover.
- 2. Eradicate exotic trees in the rocky glade and promote native hardwood recruitment.
- 3. Prescribed burn the pine rockland area to diversify and open up understory.
- 4. Prevent exotic plant species' seed production within five years.
- 5. Allow natural regeneration of native plants.

Miami-Dade County Department of Regulatory and Economic Resources (RER) will periodically inspect the property to ensure that management goals are achieved.

Management Techniques and Schedule

No heavy machinery is allowed within the site. All work must be done by hand (i.e. chainsaw, hand tools). Mowing within the covenanted areas is prohibited.

Year 1: Pine rockland: Cut and hand remove encroaching woody hardwood species and vines to reduce fuel load and encourage recruitment of Pine Rockland herbaceous species. Treat by hand and/or herbicide all invasive and exotic plant species within the interior of the site. Continue to mow and maintain fire breaks. Perform prescribed burns on a 3-5 year cycle to maintain an open and diverse understory.

Rocky glade: Kill at least ten (10) exotic trees on the S/SE portion near existing native trees. Pull exotic saplings and allow for the recruitment of native species.

Years 2-10: <u>Pine rockland</u>: Continue eradication of exotic plant species. If possible perform a prescribed burn. Continue to mow and maintain fire breaks.

Rocky glade: Continue to kill at least ten (10) exotic trees per year. Pull exotic saplings and allow for the recruitment of native species.

The following animal species are likely to occur at this site.

AVIAN SPECIES

VULTURES, HAWKS & FALCONS:

American Kestrel Red-shouldered hawk Red-tailed hawk Sharp-shinned hawk Swallow-tailed kite Turkey vulture

PIGEONS & DOVES:

Common Ground Dove Mourning Dove Ringed Turtle Dove

THRUSHES:

American Robin

FINCHES & ALLIES:

Eastern phoebe Northern cardinal

OWLS:

Eastern screech-owl Great horned owl

JAYS & CROWS:

Blue jay

VIREOS:

White-eyed Vireo Yellow-throated Vireo

MOCKINGBIRDS:

Grey Catbird
Northern Mockingbird

WARBLERS:

Pine warbler Palm warbler Painted bunting Rufous-sided Towhee WOODPECKERS:

Pileated Woodpecker Northern flicker

Red-bellied Woodpecker

AMPHIBIANS AND HERPS

Corn snake Yellow rat snake

Southern Ringneck Snake

Green tree frog Brown anole Everglades raver Rough Green Snake Five-lined Skink Cuban tree frog Green Anole

MAMMALS

Grey fox Racoon

Hispid Cotton Rat

Grey squirrel Opposum Least Shrew

PLANT SPECIES LIST*

Plant taxa are listed by habit and origin. Key to Origin/Status codes:

N native to South Florida

R ruderal

FL endangered listed as an endangered species in the state of Florida FL threatened listed as a threatened species in the state of Florida

Fed Endangered listed as an endangered species by the Federal Government listed as a threatened species by the Federal Government

E exotic to South Florida

EPPC I category I as per Florida Exotic Pest Plant Council (most invasive)
EPPC II category II as per Florida Exotic Pest Plant Council (invasive)

Scientific Name	Common Name	Origin/Status
Abrus precatorius	rosary pea	E / EPPC (I)
Albizia lebbeck	woman's tongue	E / EPPC (I)
Anemia adiantifolia	maidenhair pineland fern	N
Andropogon longiberbis	hairy bluestem	N
Ardisia escallonioides	marlberry	N
Argythamnia blodgetti	Blodgett's wild mercury	N / FL threatened
Bidens alba var radiata	Spanish needles	N/R
Bishofia javanica	bishopwood	E / EPPC (I)
Callicarpa americana	American beauty berry	N
Cassytha filiformis	love vine	N
Cestrum diurnum	day-flowering jessamine	E / EPPC (II)
Centrosema virginianum	spurred butterfly pea	N
Chamaecrista deeringiana	Decring partridge pea	N
Chamaesyce deltoidea subsp. adhaerens	Gould's sandmat	N/Fed endangered
Chiococca parvifolia	pineland snowberry	N
Clitoria ternatea	Asian pigeonwings	\mathbf{E}
Coccothrinax argentata	Florida silver palm	N/FL threatened
Crotalaria pumila	rattlebox	N
Crotalaria rotundifolia	rabbit bells	N
Crotalaria spectabilis	showy rattlebox	E
Desmodium incanum	beggar's tick	N/R
Ficus aurea	strangler fig	N
Ficus citrifolia	shortleaf fig	N ,
Forestiera segregate var. pinetorum	pineland privet	N
Guettarda escabra	rough velvetseed	N
Jasminum dichtomun	Gold Coast jasmine	E / EPPC (I)
Lantana involucrata	wild sage	N
Linum arenicola	sand flax	N / FL endangered
Lysiloma latisiliquum	wild tamarind	N
Merremia dissecta	Noyau vine	E

Metopium toxiferum	poisonwood	N
Morinda royoc	cheese shrub	N
Myrica cerifera	wax myrtle	N
Myrsine cubana	myrsine	N
Neyraudia reynaudiana	Burma reed	E / EPPC (I)
Pennisetum purpureum	napier grass	E / EPPC (I)
Pinus elliottii var. densa	South Florida slash pine	N/ Endemic
Pirigueta caroliana	pitted stripe seed	N
Psychotria nervosa	wild coffee	N
Pteridium aquilinum var. caudatum	lacy bracken	N
Quercus virginiana	live oak	N
Randia aculeata	white indigoberry	N
Rhus copallinum	winged sumac	N
Sabal palmetto	cabbage palm	N
Schinus terebinthifolia	Brazilian pepper	E / EPPC (I)
Serenoa repens	saw palmetto	N
Sideroxylon salicifolium	willow bustic	N
Smilax auriculata	earleaf greenbrier	N
Stachytarpheta jamaicensis	blue porterweed	N
Tetrazygia bicolor	West Indian lilac	N / FL threatened
Trema micranthum	Florida trema	N
Vitis rotundifolia	Muscadine grape	N/R
	coontie	N

MANAGEMENT PLAN AGREEMENT (must be signed by all owners)

I, Mene M. Jawalles this management plan, and agree to follow M. Samueles SIGNATURE	hereby certify that I have read and understood its management recommendations. SDATE
I, Samalian this management plan, and agree to follow SIGNATURE	hereby certify that I have read and understood its management recommendations. 27/20/3 DATE

ATTACHMENT E

COVENANT RUNNING WITH THE LAND IN FAVOR OF MIAMI-DADE COUNTY, FLORIDA, CONCERNING ENVIRONMENTALLY ENDANGERED LAND LOCATED AT THE VICINITY OF SW 236 STREET AND SW 125 AVENUE, MIAMI-DADE COUNTY, FLORIDA, CURRENTLY FOLIO # 30-6924-000-0940

WHEREAS, the undersigned Owner holds the fee simple title to the land in Miami-Dade County, Florida, described in Exhibit "A," attached hereto, and hereinafter called the "Property," and

IN ORDER TO ASSURE the County that the representations made by the Owner in the application, pursuant to Chapter 25B of the Code of Miami-Dade County and Section 193.501 of the Florida Statutes, will be abided by the Owner freely, voluntarily, and without duress, the Owner makes the following Covenant covering and running with the property:

- 1. The EEL Preservation Area on the Property, as shown on the map attached hereto as Exhibit B and incorporated herein by reference, shall be maintained in its present natural state.
- 2. The EEL Preservation Area on the Property shall be and the same is hereby subject to the conservation restrictions set forth in Exhibit C, which is attached hereto and incorporated herein by reference, including, but not limited to, the requirement that the Owner, shall maintain the EEL Preservation Area free of vegetation which is not native to Miami-Dade County, pursuant to Section 24-5 of the Code of Miami-Dade County and as determined by the Director of the Department of Regulatory and Economic Resources, or successor department, in his or her sole discretion. No native vegetation may be removed, trimmed, or destroyed in the EEL Preservation Area without prior written consent from the Director

or Director's designee of the Department of Regulatory and Economic Resources, or successor department. However, nothing herein shall be construed to prevent planned paths for either access or for maintenance within the EEL Preservation Area provided plans for such paths are submitted for approval to the Director, Miami-Dade County Department of Regulatory and Economic Resources, or successor department. A permit shall be obtained from the Department if removal of vegetation or impacts to the Natural Forest Community is required. Approval of plans for such paths is contingent upon demonstrated need and also upon demonstration that the path(s) would avoid all unnecessary impacts, while minimizing all unavoidable impacts to native vegetation and substrate within the EEL Preservation Area, in the opinion of the Director.

3. County Inspection and Requests for Curative Action. As further part of this Covenant, it is hereby understood and agreed that any official inspector of Miami-Dade County, or its agents duly authorized, shall have the right, upon written notification to the, then, owner(s) of the Property, as reflected in the Property Appraiser's records, to inspect the Property at reasonable times to determine whether the Property is being maintained in the manner required by this Covenant. Should the County determine after such an inspection that some curative action on the Property is necessary in order to preserve the terms of this covenant, the County shall notify the then, owner(s) in writing by Certified Mail, return receipt requested, at the address of record from the Property Appraiser's office,, of the particular curative action required and the reasons therefore. The, then, owner(s) shall have the right to appeal such proposed curative action to the Board of County Commissioners by filing a written objection with the Clerk of the Board within thirty (30) days after receipt of written notification of said proposed curative action and the reasons therefore.

- 4. Covenant Running with the Land. This Covenant on the part of the Owner shall constitute a covenant running with the land and shall be recorded, at Owner's expense, in the public records of Miami-Dade County, Florida, together with a certified copy of the Board of County Commissioners' resolution accepting the covenant, and shall remain in full force and effect and be binding on undersigned Owner, and their heirs, successors and assigns until such time as the same is modified or released. These restrictions during their lifetime shall be for the benefit of, and limitation upon, all present and future owners of the real property and for the benefit of Miami-Dade County and the public welfare. The Owner, and their heirs, successors and assigns, acknowledge that acceptance of this Covenant does not in any way obligate or provide a limitation on the County. The Owner shall also send a copy of the recorded covenant and Board of County Commissioners' resolution accepting the covenant to the Miami-Dade County Property Appraiser.
- 5. <u>Term.</u> This Covenant is to run with the land and shall be binding on all parties and all persons claiming under it for a period of ten (10) years from the date this Covenant is recorded, unless an instrument signed by the, then, owner(s) of the Property has been recorded agreeing to change the covenant in whole, or in part, provided that the Covenant has first been modified or released by Miami-Dade County.
- 6. Modification, Amendment, Release. This Covenant may be modified, amended or released as to the land herein described, or any portion thereof, by written instrument executed by the, then, owner(s) of all of the Property, provided that the same is also approved by the Board of County Commissioners of Miami-Dade County, Florida. The

release from this Covenant shall be made after public hearing and after a determination by the Board of County Commissioners of Miami-Dade County that such release would not adversely affect the interest of the public. Notice of said public hearing shall be published once a week for at least two (2) weeks in a newspaper of general circulation in Miami-Dade County, prior to said hearing. Furthermore, release of this Covenant shall only be made to the Owner upon payment of the deferred tax liability pursuant to Section 25B-17(b) of the Code of Miami-Dade County.

- The, then, owner or anyone with the owner's knowledge or consent shall not use the Property in any manner inconsistent with the terms of this Covenant without first obtaining a written instrument from the Board of County Commissioners of Miami-Dade County which releases the Owner from the terms of the covenant, and which instrument must be promptly recorded in the public records of Miami-Dade County, Florida. Any violation of this section shall constitute a breach of this Covenant, for which the Board of County Commissioners may revoke the covenant and require the Owner to pay the deferred tax liability as such term is defined in Section 25B-17(b) of the Code of Miami-Dade County. This enforcement provision shall be in addition to any other remedies available at law, in equity or both.
- 8. Renewal. The current owner(s) of the property may apply to renew this covenant for successive ten (10) year periods following the termination of the term of this covenant.

 Applications for such renewals shall be submitted to the Miami-Dade County Department of Regulatory and Economic Resources, or successor department, and such applications for renewal may be approved administratively by the Director of the Miami-Dade County

Department of Regulatory and Economic Resources, or successor department. After approval of a renewal, the Owner shall record, at Owner's expense, a renewed covenant in the public records of Miami-Dade County, Florida. Said renewed covenant shall be in a form approved by the Director of the Miami-Dade County Department of Regulatory and Economic Resources, or successor department.

- 9. Election of Remedies. All rights, remedies and privileges granted herein shall be deemed to be cumulative and the exercise of any one or more shall neither be deemed to constitute an election of remedies, nor shall it preclude the party exercising the same from exercising such additional rights, remedies or privileges.
- 10. Severability. Invalidation of any one of these provisions, by judgment of Court, shall not affect any of the other provisions which shall remain in full force and effect. However, if any material portion is invalidated, the County shall be entitled to revoke any approval predicated upon the invalidated portion.
- 11. **Recording.** This Covenant, along with a certified copy of the resolution from the Board of County Commissioners accepting the Covenant, shall be filed of record in the public records of Miami-Dade County, Florida at the costs of the Owners after the effective date of the Board of County Commissioners' resolution accepting the Covenant. This Covenant shall become effective immediately upon recordation.
- 12. Acceptance of Covenant. Acceptance of this Covenant does not obligate the County in any manner, nor does it entitle the Owner to approval of any application, and the Board of

County Commissioners and the County retain full power and authority to deny each such application in whole or in part.

13. Owner. The term Owner shall include the Owner, and its heirs, successors and assigns.

IN WITNESS WHEREOF, the undersigned have caused this Covenant to be executed thisday of	
INDIVIDUAL -	
WITNESSES:	OWNER(S):
sign Bursly Balana print Beverly Bolanh	sign John Pohan IV
print Beverly Bolanh	print John BOLASH III
sign Wanda Newman	Address 23018 S.W. 120AV
print Wawla Newman	sign
sign	print
print	Address
sign	
print	
STATE OF FLORIDA COUNTY OF MIAMI-DADE	
The foregoing instrument was acknowledged before me this 10 day of 2013, by John Charles 130/145/h, who is personally known to me or who has produced 13 4 20 - 463 - 65 - 12 7 - as identification and who did take an oath.	
Print//A C. SARd/NAS State of Florida at Large (Seal)	
My Commission Expires: LILIA C SARDINAS Notary Public - State of Florida My Comm. Expires Feb 11, 2014 Commission # DD 960597	

THIS INSTRUMENT PREPARED BY:

James Duncan, Biologist I
Miami-Dade County Department of Regulatory and Economic Resources
701 NW 1st Court,
Miami, Florida 33136

EXHIBIT A LEGAL DESCRIPTION

Folio Number:

30-6924-000-0940

Property Address:

vicinity of SW 236 St. & SW 125 Ave.

Legal description:

24 56 39 1.21 AC M/L

N1/2 OF SW1/4 OF NE1/4 OF SW1/4

OF NW1/4 LESS W25FT FOR ST & LESS

C-102N-1 CANAL R/W

EEL ON 1.21 AC PER 1302-03

EXP 12/04/13

OR 20701-1398-09 2002 1 COC 25169-4330 11 2006 5

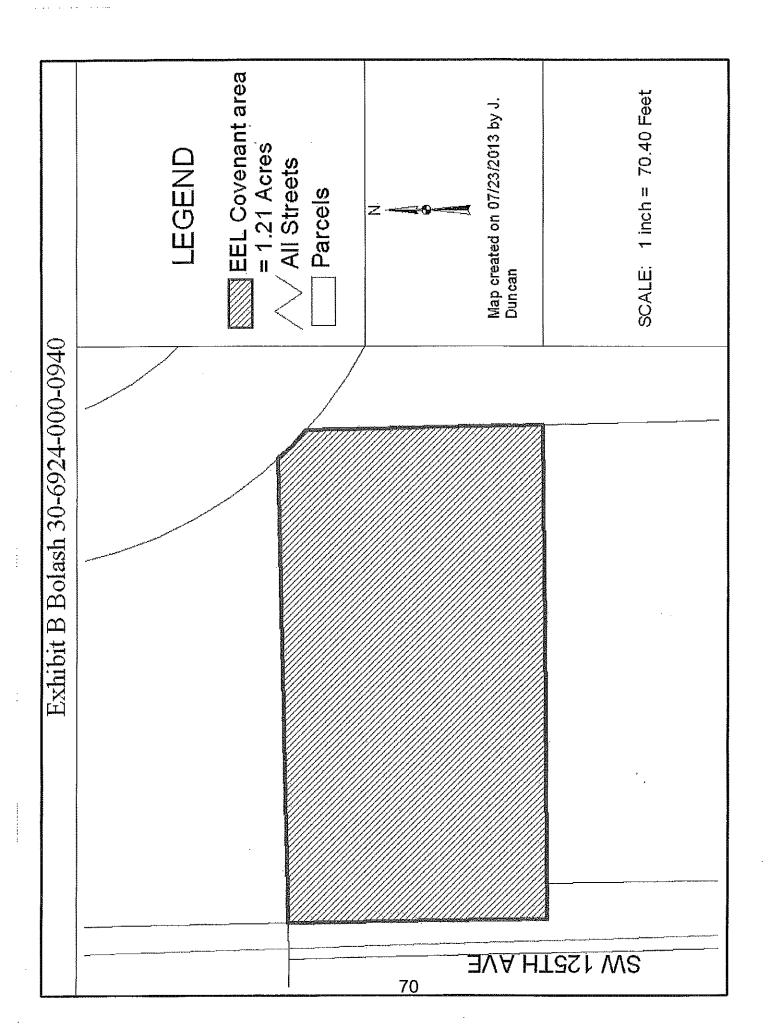


Exhibit C Pine Rockland Management Plan for John Bolash IV

Location: Vicinity of SW 236 St. & SW 125 Ave., Miami-Dade County, Florida.

Size: 1.21 acre parcel

1.21 acres qualify for an Environmentally Endangered Lands (EEL)

covenant

Folio #: 30-6924-000-0940

Forest Type: Pine Rockland

Location

The property is located on the south side of SW 236 Street, east of SW 125 Avenue. The site is an undeveloped lot inside the urban development boundary (UDB) and it is bordered by primarily undeveloped pine rockland properties. This property, as well as the property to the north, is county-designated Natural Forest Community (NFC). The property can be accessed via SW 125 Avenue.

Distance from nearest EEL/county-owned site: approximately 2,000 feet from Goulds pineland

Distance from nearest EEL covenant site: 0 feet

Distance from nearest county-designated Natural Forest Community (NFC): 0 feet

Property Information

The property consists of 1.21 acres of undeveloped pine rockland which qualify for an EEL covenant. The property was designated as a natural forest community (NFC) in 1984 by the Miami-Dade County Board of County Commissioners, via Resolution No. R-1764-84 and may be found on Miami-Dade County Natural Forest Community Map 35, T56 R39 S24, parcel L. NFCs are protected and regulated via Section 24-49 of the Code of Miami-Dade County.

Pine rocklands were once South Florida's dominant plant community, occupying about 186,000 acres along the Miami rock ridge, which is a large limestone outcropping that extends south from the Miami River to Everglades National Park. Because of its high elevation, the Miami rock ridge was the first area to be impacted by development. The clearing of large tracts for development has now reduced pine rocklands to about 20,000 acres, most of which are now protected inside Everglades National Park. The pine rockland canopy is dominated almost exclusively by slash pines. Beneath this canopy lays a rich understory composed of grasses, sedges, palms, vines, shrubs and wildflowers of temperate and tropical origin, many of which are listed as endangered or threatened. A

sub-climatic community, pine rocklands have depended on fire to keep them from transitioning into hardwood hammocks. Fire exclusion has caused many properties that were formerly pine rockland to either transition into hammock or become invaded by non-native invasive species. This has caused a net loss of biodiversity and the extinction or near extinction of several rare and unique plant species. Pine rocklands are South Florida's most floristically diverse plant community and contain several endemic species that are found nowhere else in the world. For this reason, the Florida Natural Areas Inventory (FNAI) classifies pine rocklands as globally imperiled. The implementation of this management plan helps reduce exotic plant infestations and also maintains and reestablishes federally and State listed plant species within Miami-Dade County, both of which are stated as objectives in CON-8 of the Miami-Dade County Comprehensive Development Master Plan (CDMP).

Present Condition

The property is currently a mix of native hardwood and pine rockland plant species, and has good native biodiversity. The majority of the exotics, such as Queensland umbrella trees (Schefflera actinophylla), Brazilian pepper (Schinus terebinthifolius) and Burma reed (Neyraudia reynaudiana) are located along perimeter areas. Interior areas of the site are open and diverse, in excellent condition. The covenanted area is located adjacent to a property owned and managed by the Institute for Regional Conservation, which has few to no exotics. This provides a connected area of high quality Pine Rockland habitat.

The site is dominated by native species, including State listed endangered species such as pineland clustervine (*Jacquemontia curtisii*), and State listed threatened species such as pineland allamanda (*Angadenia berteroi*), locustberry (*Byrsonima lucida*), Florida silver palm (*Coccothrinax argentata*), quailberry (*Crossopetalum ilicifolium*), West Indian lilac (*Tetrazygia bicolor*), and Florida Keys noseburn (*Tragia saxicola*). The dominant canopy trees are slash pine (*Pinus elliottii* var. *densa*) and native hardwoods. See below for a more complete plant list.

Conclusion

The property contains several rare and state listed plant species whose existence in the continental US is limited to this area. It is important to note that the current state of the property is due to the continuous commitment of the owner to the long term maintenance of the area as a natural preserve.

Overall, the site is in substantially good condition and will continue to improve with future management efforts encouraged and supported by the EEL covenant. Future management of this property will center on eliminating invasive exotics and vine control. Continued selective hardwood control is also needed if prescribed burning this area is not feasible.

Ecological Goals

- 1. Increase plant biodiversity on the entire site.
- 2. Maintain and increase pine rockland plant species.
- 3. Remove and control exotic plants on the entire site.
- 4. Provide habitat for native wildlife.

Management Goals

- 1. Eliminate invasive exotic plants to ensure less than 3% exotic coverage at the site.
- 2. Increase biodiversity with appropriate native pine rockland plant species.
- 3. Control hardwoods in the pine rockland.
- 4. Control native ruderal plants and vines.
- 5. Allow natural regeneration of native pine rockland plants.

Miami-Dade County Department of Regulatory and Economic Resources (RER) will periodically inspect property to ensure that management goals are achieved.

Management Techniques and Schedule

(No heavy machinery is allowed within the site. All work must be done by hand (i.e. chainsaw, hand tools). Mowing and vehicle traffic within the covenanted area is not allowed.

- Year 1-3: Continue hand removal and herbicide treatment of all invasive exotic plant species, and vines (non-native and native woody). Interior exotics should be treated first and work extended out to the perimeters. All exotic and native hardwood seeedlings should be hand pulled if possible. Multiple follow up herbicide treatments may be needed for cut stumps. Prescribe burn the covenanted area. Heavy machinery is not, under any circumstances or purposes, to be used within any portion of the property that is covered under this covenant without prior approval from Miami-Dade County Department of Regulatory and Economic Resources (RER).
- Year 4-6: Continue invasive exotic and vine control. Selectively control hardwoods located within the pine rockland area and allow for pine proliferation. Monitor areas previously treated for exotics to ensure native recolonization exceeds that of exotics. Prescribe burn the covenanted area if not achieved in years 1-3.
- Year 7-10: Continue invasive exotic and ruderal plant/ vine control to ensure less than 3% exotic coverage at the site. Selectively control hardwoods located within the pine rockland area and allow for pine proliferation. Planting of native pine rockland species in areas of exotic removal may be required if native recolonization is low. Prescribe burn the covenanted area if not yet achieved in the previous 3-5 years.

PLANT SPECIES LIST*

Plant taxa are listed by habit and origin. Key to Origin/Status codes:				
N	native to South Florida			
R	ruderal			
FL endangered	listed as an endangered species in the state of Florida			
FL threatened	listed as a threatened species in the state of Florida			
Fed Endangered	listed as an endangered species by the Federal Government			
Fed Threatened	listed as a threatened species by the Federal Government			
E	exotic to South Florida			
EPPC I	category I as per Florida Exotic Pest Plant Council (most invasive)			
ЕРРС П	category II as per Florida Exotic Pest Plant Council (invasive)			

Scientific Name	Common Name	Origin/Status	
Agalinis fasciculate	beach false foxglove	N	
Albizia lebbeck	woman's tongue	E/eppc (i)	
Anemia adiantifolia	maidenhair pineland fern	N	
Angadenia berteroi	pineland allamanda	N/FL threatened	
Aster adnatus	scale leaf aster	N	
Ayenia euphrasiifolia	eyebright ayenia	N	
Byrsonima lucida	locust berry	N/FL threatened	
Chamaecrista deeringiana	Deering's partridge pea	N	
Chiococca parvifolia	pineland snowberry	N	
Cnidoscolus stimulosus	tread-softly	N	
Crossopetalum ilicifolium	quailberry	N/FL threatened	
Croton linearis	pineland croton	N	
Coccothrinax argentata	Florida silver palm	N/FL threatened	
Desmodium incanum	beggar's tick	N/R	
Echites umbellatus	devil's potato, rubbervine	N	
Eugenia auxillaris	white stopper	N	
Hedyotus nigricans var. floridana	Florida diamond flower	N	
Jacquemontia curtisii	pineland clustervine	N/FL endangered	
Lantana depressa	pineland lantana	N/FL endangered	
Metopium toxiferum	poisonwood	N	
Morinda royoc	cheese shrub	N	
Myrica cerifera	wax myrtle	N	
Myrsine cubana	myrsine	Ν '.	
Neyraudia reynaudiana	Burma reed	E/EPPC (I)	
Phyllanthus pentaphyllus	fivepetal leafflower	N	
Physalis walteri	Walter's groundcherry	N	
Pinus elliottii var. densa	South Florida slash pine	N/Endemic	
Polygala violacea	candyweed	N	
Psidium longipes	longstalked stopper	N/FL threatened	
Psychotria nervosa	wild coffee	N	

Pteridium aquilinum var. caudatum	lacy bracken	N
Randia aculeata	white indigoberry	N
Rhynchospora floridensis	white top sedge	N
Rhus copallinum	winged sumac	N
Schinus terebinthifolia	Brazilian pepper	E/EPPC (I)
Serenoa repens	saw palmetto	N
Sideroxylon salicifolium	willow bustic	N
Smilax auriculata	earleaf greenbrier	N
Stachytarpheta jamaicensis	blue porterweed	N
Tetrazygia bicolor	West Indian lilac	N/FL threatened
Toxicodendron radicans	poision ivy	N
Tragia saxicola	Florida Keys noseburn	N/FL threatened
Zamia pumila	coontie	N
account for the highest percentage of over	rall biomass within the propert	y.
MANAGEMENT PLAN AGREEME	NT (must be signed by all ow	ners)
I, John Bolash this management plan, and agree to follow	hereby certify that I have roow its management recommend	ead and understood lations.
JAN TEMON TV SIGNATURE		7-30-13 TE
I,this management plan, and agree to follo		
	hereby certify that I have room its management recommend	ead and understood lations.

ATTACHMENT F

COVENANT RUNNING WITH THE LAND IN FAVOR OF MIAMI-DADE COUNTY, FLORIDA, CONCERNING ENVIRONMENTALLY **ENDANGERED** LAND LOCATED AT 26955 SW 192 AVENUE, **MIAMI-DADE** COUNTY, FLORIDA, CURRENTLY FOLIO # 30-6835-000-0092

WHEREAS, the undersigned Owner holds the fee simple title to the land in Miami-Dade County, Florida, described in Exhibit "A," attached hereto, and hereinafter called the "Property," and

IN ORDER TO ASSURE the County that the representations made by the Owner in the application, pursuant to Chapter 25B of the Code of Miami-Dade County and Section 193.501 of the Florida Statutes, will be abided by the Owner freely, voluntarily, and without duress, the Owner makes the following Covenant covering and running with the property:

- The EEL Preservation Area on the Property, as shown on the map attached hereto as Exhibit
 B and incorporated herein by reference, shall be maintained in its present natural state.
- 2. The EEL Preservation Area on the Property shall be and the same is hereby subject to the conservation restrictions set forth in Exhibit C, which is attached hereto and incorporated herein by reference, including, but not limited to, the requirement that the Owner, shall maintain the EEL Preservation Area free of vegetation which is not native to Miami-Dade County, pursuant to Section 24-5 of the Code of Miami-Dade County and as determined by the Director of the Department of Regulatory and Economic Resources, or successor department, in his or her sole discretion. No native vegetation may be removed, trimmed, or destroyed in the EEL Preservation Area without prior written consent from the Director

or Director's designee of the Department of Regulatory and Economic Resources, or successor department.

- 3. County Inspection and Requests for Curative Action. As further part of this Covenant, it is hereby understood and agreed that any official inspector of Miami-Dade County, or its agents duly authorized, shall have the right, upon written notification to the, then, owner(s) of the Property, as reflected in the Property Appraiser's records, to inspect the Property at reasonable times to determine whether the Property is being maintained in the manner required by this Covenant. Should the County determine after such an inspection that some curative action on the Property is necessary in order to preserve the terms of this covenant, the County shall notify the then, owner(s) in writing by Certified Mail, return receipt requested, at the address of record from the Property Appraiser's office,, of the particular curative action required and the reasons therefore. The, then, owner(s) shall have the right to appeal such proposed curative action to the Board of County Commissioners by filing a written objection with the Clerk of the Board within thirty (30) days after receipt of written notification of said proposed curative action and the reasons therefore.
- 4. <u>Covenant Running with the Land.</u> This Covenant on the part of the Owner shall constitute a covenant running with the land and shall be recorded, at Owner's expense, in the public records of Miami-Dade County, Florida, together with a certified copy of the Board of County Commissioners' resolution accepting the covenant, and shall remain in full force and effect and be binding on undersigned Owner, and their heirs, successors and assigns until such time as the same is modified or released. These restrictions during their lifetime shall be for the benefit of, and limitation upon, all present and future owners of the

real property and for the benefit of Miami-Dade County and the public welfare. The Owner, and their heirs, successors and assigns, acknowledge that acceptance of this Covenant does not in any way obligate or provide a limitation on the County. The Owner shall also send a copy of the recorded covenant and Board of County Commissioners' resolution accepting the covenant to the Miami-Dade County Property Appraiser.

- 5. <u>Term.</u> This Covenant is to run with the land and shall be binding on all parties and all persons claiming under it for a period of ten (10) years from the date this Covenant is recorded, unless an instrument signed by the, then, owner(s) of the Property has been recorded agreeing to change the covenant in whole, or in part, provided that the Covenant has first been modified or released by Miami-Dade County.
- 6. Modification, Amendment, Release. This Covenant may be modified, amended or released as to the land herein described, or any portion thereof, by written instrument executed by the, then, owner(s) of all of the Property, provided that the same is also approved by the Board of County Commissioners of Miami-Dade County, Florida. The release from this Covenant shall be made after public hearing and after a determination by the Board of County Commissioners of Miami-Dade County that such release would not adversely affect the interest of the public. Notice of said public hearing shall be published once a week for at least two (2) weeks in a newspaper of general circulation in Miami-Dade County, prior to said hearing. Furthermore, release of this Covenant shall only be made to the Owner upon payment of the deferred tax liability pursuant to Section 25B-17(b) of the Code of Miami-Dade County.

- The, then, owner or anyone with the owner's knowledge or consent shall not use the Property in any manner inconsistent with the terms of this Covenant without first obtaining a written instrument from the Board of County Commissioners of Miami-Dade County which releases the Owner from the terms of the covenant, and which instrument must be promptly recorded in the public records of Miami-Dade County, Florida. Any violation of this section shall constitute a breach of this Covenant, for which the Board of County Commissioners may revoke the covenant and require the Owner to pay the deferred tax liability as such term is defined in Section 25B-17(b) of the Code of Miami-Dade County. This enforcement provision shall be in addition to any other remedies available at law, in equity or both.
- 8. Renewal. The current owner(s) of the property may apply to renew this covenant for successive ten (10) year periods following the termination of the term of this covenant. Applications for such renewals shall be submitted to the Miami-Dade County Department of Regulatory and Economic Resources, or successor department, and such applications for renewal may be approved administratively by the Director of the Miami-Dade County Department of Regulatory and Economic Resources, or successor department. After approval of a renewal, the Owner shall record, at Owner's expense, a renewed covenant in the public records of Miami-Dade County, Florida. Said renewed covenant shall be in a form approved by the Director of the Miami-Dade County Department of Regulatory and Economic Resources, or successor department.
- 9. <u>Election of Remedies.</u> All rights, remedies and privileges granted herein shall be deemed to be cumulative and the exercise of any one or more shall neither be deemed to

constitute an election of remedies, nor shall it preclude the party exercising the same from exercising such additional rights, remedies or privileges.

- 10. <u>Severability.</u> Invalidation of any one of these provisions, by judgment of Court, shall not affect any of the other provisions which shall remain in full force and effect. However, if any material portion is invalidated, the County shall be entitled to revoke any approval predicated upon the invalidated portion.
- 11. **Recording.** This Covenant, along with a certified copy of the resolution from the Board of County Commissioners accepting the Covenant, shall be filed of record in the public records of Miami-Dade County, Florida at the costs of the Owners after the effective date of the Board of County Commissioners' resolution accepting the Covenant. This Covenant shall become effective immediately upon recordation.
- 12. Acceptance of Covenant. Acceptance of this Covenant does not obligate the County in any manner, nor does it entitle the Owner to approval of any application, and the Board of County Commissioners and the County retain full power and authority to deny each such application in whole or in part.
- 13. Owner. The term Owner shall include the Owner, and its heirs, successors and assigns.

IN WITNESS WHEREOF, the undersigned 12 day of Acros	ed have caused this Covenant to be executed this 2013.
INDIVIDUAL -	
witnesses:	OWNER(S): sign few 7-l
print Maria e Andrade	print Keith Fleri
sign Hyerin	Address 26955 SW 192 ave
print Haydee Geronimo.	sign
sign	print
print	Address
sign	
print	
STATE OF FLORIDA COUNTY OF MIAMI-DADE	
2013, by Keith FLERI	ged before me this 12 day of August, who is personally known to me or who has as identification and who did take an oath.
NOTARY I	PUBLIC:
Sign	Zaily Guez
Print	rida at Large (Seal)
My Commi	ssion Expires:
	ZAILY GOMEZ MY COMMISSION # DD 955305 EXPIRES: January 25, 2014 Per set at The Netwer Public Indonwitiers

THIS INSTRUMENT PREPARED BY:

James G. Duncan, Biologist I
Miami-Dade County Department of Regulatory and Economic Resources
701 NW 1st Court,
Miami, Florida 33136

EXHIBIT A LEGAL DESCRIPTION

Folio Number:

30-6835-000-0092

Property Address:

26955 SW 192 AVE

Legal description:

35 56 38 1.15 AC M/L

N154.84FT OF SW1/4 OF NW1/4 OF SW1/4 OF NE1/4 LESS W43FT FOR R/W

SUBJ TO EEL COVENANT ON .92 AC

PER R-1653-93 EXP 12/31/13

OR 13530-4320 0188 1

Exhibit C Management Plan for Keith A. Fleri

Location:

26955 SW 192 AVE, Miami-Dade County, Florida.

Size:

1.15 acre parcel

0.90 acres qualify for an Environmentally Endangered Lands (EEL)

covenant

Folio #:

30-6835-000-0092

Forest Type: Pine Rockland and Tropical Hardwood Hammock

Location

The property is located in Section 35 of Township 56 South, Range 38. It is located on the east side of SW 192 Ave and north of SW 270 Street.

Distance from nearest EEL site: approximately 4,800 feet from West Biscayne Pineland. Distance from nearest county-designated Natural Forest Community (NFC): 400 feet from folio: 30-6835-000-0185.

Property Information

The property consists of a rectangular-shaped parcel of undeveloped pineland that contains a private residence in the center of the parcel. This property is surrounded by residential land use. (See exhibit A)

The natural plant community is typical of a Pine rockland with a hardwood or transitional subcanopy. The understory consists of many typical Tropical Hardwood Hammock and Pine Rockland plant species. These include, but are not limited to, willow bustic (Sideroxylon salicifolia), myrsine (Myrsine cubana), silver palm (Coccothrinax argentata), West Indian lilac (Tetrazygia bicolor), white indigoberry (Rhandia aculeata), saw palmetto (Serenoa repens), poisonwood (Metopium toxiferum) and coontie (Zamia pumila). Overall the site had a medium amount of plant diversity which included a few endemic and/or listed species.

Some exotic and invasive species are found on site. These include shoe-button ardisia (Ardisia elliptica), pothos vine (Syngonium aureum), woman's tongue (Albizia lebbeck), Australian umbrella tree (Schefflera actinophylla), bishopwood (Bischofia javanica), Taiwanese cheesewood (Pittosporum pentandrum), and oyster plant (Tradescantia spathacea). The property owner has been removing invasive species by hand pulling and/or treating with herbicides. The natural area contains less than 10% exotic species.

Present Condition

The portion of the property that qualifies for an EEL Covenant is separated from the non-qualifying area into a single management area. It is noted that the site is an important part of a wildlife corridor in the considerably fragmented surrounding area. The site especially serves as a corridor for birds which can easily traverse the few miles between natural areas.

Invasive species encroaching into the understory need constant removal. Neighboring properties provide a seed source for numerous invasives (notably *S. actinophyllum*), which require constant monitoring and treatment. The site contains an ornamental allspice tree (*Pimenta dioica*) that requires monitoring to ensure seedlings do not encroach into natural areas.

Ecological Goals

- 1. Maintain area to allow for a transitional pine rockland into a rockland hammock.
- 2. Promote regeneration and growth of woody species to achieve closed canopy.
- 3. Provide suitable habitat for native wildlife.
- 4. Eliminate non-native and control invasive plant species found on the site.

Management Goals

- 1. Eliminate exotic plant species from the interior of the site to achieve less than 3% exotic plant cover.
- 2. Eradicate exotic plants from the perimeter to prevent recolonization.
- 3. Prevent exotic plant species seed production within five years.
- 4. Allow natural regeneration of native plants.

Miami-Dade County Department of Regulatory and Economic Resources (RER) will periodically inspect the property to ensure that management goals are achieved.

Management Techniques and Schedule

No heavy machinery is allowed within the site. All work must be done by hand (i.e. chainsaw, hand tools). Mowing within the covenanted areas is prohibited.

- Year 1: Continue to hand remove and/or herbicide invasive and exotic plant species within the interior of the site. The focus should be on the eastern portion of the property, then to move out westward to the perimeter. Small seedlings can be pulled by hand while larger plants should be treated with herbicide.
- Years 2-4: Continue eradication of exotic plant species, being wary of opening up the canopy to help prevent colonization of invasive plant species. Focus on ensuring a closed canopy.

Years 5-10: Continue to monitor disturbed areas for exotic plant species and maintain the site with herbicide and pulling by hand as needed.

The following animal species are likely to occur at this site.

AVIAN SPECIES

VULTURES, HAWKS & FALCONS:

American Kestrel Sharp-shinned hawk

Turkey vulture Red-shouldered hawk Red-tailed hawk Swallow-tailed kite

PIGEONS & DOVES:

Common Ground Dove Mourning Dove

Ringed Turtle Dove

THRUSHES:

American Robin

FINCHES & ALLIES:

Eastern phoebe Northern cardinal Painted bunting

Rufous-sided Towhee

OWLS:

Eastern screech-owl Great horned owl

JAYS & CROWS:

Blue jay

VIREOS:

White-eyed Vireo Yellow-throated Vireo

MOCKINGBIRDS:

Grey Catbird

Northern Mockingbird

WARBLERS:

Pine warbler Palm warbler

WOODPECKERS:

Pileated Woodpecker Northern flicker

Red-bellied Woodpecker

AMPHIBIANS AND HERPS

Corn snake Yellow rat snake

Southern Ringneck Snake

Green tree frog Brown anole Everglades raver

Rough Green Snake Five-lined Skink Cuban tree frog Green Anole

MAMMALS

Grey fox Racoon

Hispid Cotton Rat

Grey squirrel Opposum

Least Shrew

PLANT SPECIES LIST*

Plant taxa are listed by habit and origin. Key to Origin/Status codes:

N	native to South Florida
R.	ruderal
FL endangered	listed as an endangered species in the state of F

FL endangered listed as an endangered species in the state of Florida
FL threatened listed as a threatened species in the state of Florida
Fed Endangered listed as an endangered species by the Federal Government
Fed Threatened listed as a threatened species by the Federal Government

E exotic to South Florida

EPPC I category I as per Florida Exotic Pest Plant Council (most invasive)
EPPC II category II as per Florida Exotic Pest Plant Council (invasive)

Scientific Name	Common Name	Origin/Status
Acalypha chamaedrifolia	bastard copperleaf	N
Acarypha chamaear gona Albizia lebbeck	woman's tongue	E/EPPC (I)
Ardisia elliptica	shoebutton ardisia	E/EPPC (I)
Arassa empuca Bidens alba	Spanish needles	N/R
	bishopwood	E/EPPC (I)
Bischofia javanica Bursera simaruba	•	N
	gumbo limbo	N N
Chiococca alba	snowberry	
Coccothrinax argentata	Florida silver palm	N/FL threatened
Crossopetalum ilicifolium	quailberry	N/FL threatened
Croton linearis	pineland croton	N
Ficus aurea	strangler fig	N
Galium hispidium	coastal bedstraw	N/
Guettarda scabra	rough velvetseed	N
Jasminum dichotomum	Gold Coast jasmine	E/EPPC (I)
Manilkara zapota	Sapodilla	E/EPPC (II)
Metopium toxiferum	poisonwood	N
Myrsine cubana	myrsine	N
Parthenocissus quinquefolia	Virginia creeper	N
Passiflora suberosa	corky stem passionflower	N
Picramnia pentandra	Florida bitter bush	N/FL endangered
Pinus elliottii var. densa	South Florida slash pine	N
Pimenta dioica	allspice	E
Pittosporum pentandrum	Taiwanese cheesewood	E/EPPĊ (II)
Pteridium aquilinum var. caudatum	lacy bracken	N
Randia aculeata	white indigoberry	N
Rhus copallinum	winged sumac	N
Sabal palmetto	cabbage palm	N
Schefflera actinophylla	Queensland umbrellatree	E/EPPC (I)
Serenoa repens	saw palmetto	N
Sideroxylon salicifolia	willow bustic	N

Smilax auriculata	earleaf greenbrier	N
Syngonium aureum	pothos vine	E/EPPC (I)
Tetrazygia bicolor -	West Indian lilac	N/FL threatened
Toxicodendron radicans	poision ivy	N
Tradescantia spathacea	oyster plant	E/EPPC (II)
Trema micranthum	nettletree	N
Turnera ulmifolia	yellow alder	\mathbf{E}
Vitis rotundifolia	Muscadine grapevine	N
Zamia pumila	coontie	N
	plete plant species list. The list inclu of overall biomass within the propert	
MANAGEMENT PLAN AGRE	EMENT (must be signed by all ow	vners)
I, Keith Fler; this management plan, and agree t	hereby certify that I have ro follow its management recommen	ead and understood dations.
Leve Fl SIGNATURE		7/12/13 ATE
I,this management plan, and agree t	hereby certify that I have ro follow its management recommen	ead and understood dations.
SIGNATURE	DA	ATE

ATTACHMENT (

COVENANT RUNNING WITH THE LAND IN FAVOR OF MIAMI-DADE COUNTY, FLORIDA, CONCERNING ENVIRONMENTALLY ENDANGERED LAND LOCATED AT 14870 SW 238 STREET, MIAMI-DADE COUNTY, FLORIDA, CURRENTLY FOLIO # 30-6921-000-0110

WHEREAS, the undersigned Owner holds the fee simple title to the land in Miami-Dade County, Florida, described in Exhibit "A," attached hereto, and hereinafter called the "Property," and

IN ORDER TO ASSURE the County that the representations made by the Owner in the application, pursuant to Chapter 25B of the Code of Miami-Dade County and Section 193.501 of the Florida Statutes, will be abided by the Owner freely, voluntarily, and without duress, the Owner makes the following Covenant covering and running with the property:

- The EEL Preservation Area on the Property, as shown on the map attached hereto as Exhibit
 B and incorporated herein by reference, shall be maintained in its present natural state.
- 2. The EEL Preservation Area on the Property shall be and the same is hereby subject to the conservation restrictions set forth in Exhibit C, which is attached hereto and incorporated herein by reference, including, but not limited to, the requirement that the Owner, shall maintain the EEL Preservation Area free of vegetation which is not native to Miami-Dade County, pursuant to Section 24-5 of the Code of Miami-Dade County and as determined by the Director of the Department of Regulatory and Economic Resources, or successor department, in his or her sole discretion. No native vegetation may be removed, trimmed, or destroyed in the EEL Preservation Area without prior written consent from the Director

or Director's designee of the Department of Regulatory and Economic Resources, or successor department.

- 3. County Inspection and Requests for Curative Action. As further part of this Covenant, it is hereby understood and agreed that any official inspector of Miami-Dade County, or its agents duly authorized, shall have the right, upon written notification to the, then, owner(s) of the Property, as reflected in the Property Appraiser's records, to inspect the Property at reasonable times to determine whether the Property is being maintained in the manner required by this Covenant. Should the County determine after such an inspection that some curative action on the Property is necessary in order to preserve the terms of this covenant, the County shall notify the then, owner(s) in writing by Certified Mail, return receipt requested, at the address of record from the Property Appraiser's office,, of the particular curative action required and the reasons therefore. The, then, owner(s) shall have the right to appeal such proposed curative action to the Board of County Commissioners by filing a written objection with the Clerk of the Board within thirty (30) days after receipt of written notification of said proposed curative action and the reasons therefore.
- 4. Covenant Running with the Land. This Covenant on the part of the Owner shall constitute a covenant running with the land and shall be recorded, at Owner's expense, in the public records of Miami-Dade County, Florida, together with a certified copy of the Board of County Commissioners' resolution accepting the covenant, and shall remain in full force and effect and be binding on undersigned Owner, and their heirs, successors and assigns until such time as the same is modified or released. These restrictions during their lifetime shall be for the benefit of, and limitation upon, all present and future owners of the

real property and for the benefit of Miami-Dade County and the public welfare. The Owner, and their heirs, successors and assigns, acknowledge that acceptance of this Covenant does not in any way obligate or provide a limitation on the County. The Owner shall also send a copy of the recorded covenant and Board of County Commissioners' resolution accepting the covenant to the Miami-Dade County Property Appraiser.

- 5. <u>Term.</u> This Covenant is to run with the land and shall be binding on all parties and all persons claiming under it for a period of ten (10) years from the date this Covenant is recorded, unless an instrument signed by the, then, owner(s) of the Property has been recorded agreeing to change the covenant in whole, or in part, provided that the Covenant has first been modified or released by Miami-Dade County.
- 6. Modification, Amendment, Release. This Covenant may be modified, amended or released as to the land herein described, or any portion thereof, by written instrument executed by the, then, owner(s) of all of the Property, provided that the same is also approved by the Board of County Commissioners of Miami-Dade County, Florida. The release from this Covenant shall be made after public hearing and after a determination by the Board of County Commissioners of Miami-Dade County that such release would not adversely affect the interest of the public. Notice of said public hearing shall be published once a week for at least two (2) weeks in a newspaper of general circulation in Miami-Dade County, prior to said hearing. Furthermore, release of this Covenant shall only be made to the Owner upon payment of the deferred tax liability pursuant to Section 25B-17(b) of the Code of Miami-Dade County.

- The, then, owner or anyone with the owner's knowledge or consent shall not use the Property in any manner inconsistent with the terms of this Covenant without first obtaining a written instrument from the Board of County Commissioners of Miami-Dade County which releases the Owner from the terms of the covenant, and which instrument must be promptly recorded in the public records of Miami-Dade County, Florida. Any violation of this section shall constitute a breach of this Covenant, for which the Board of County Commissioners may revoke the covenant and require the Owner to pay the deferred tax liability as such term is defined in Section 25B-17(b) of the Code of Miami-Dade County. This enforcement provision shall be in addition to any other remedies available at law, in equity or both.
- 8. Renewal. The current owner(s) of the property may apply to renew this covenant for successive ten (10) year periods following the termination of the term of this covenant. Applications for such renewals shall be submitted to the Miami-Dade County Department of Regulatory and Economic Resources, or successor department, and such applications for renewal may be approved administratively by the Director of the Miami-Dade County Department of Regulatory and Economic Resources, or successor department. After approval of a renewal, the Owner shall record, at Owner's expense, a renewed covenant in the public records of Miami-Dade County, Florida. Said renewed covenant shall be in a form approved by the Director of the Miami-Dade County Department of Regulatory and Economic Resources, or successor department.
- 9. <u>Election of Remedies.</u> All rights, remedies and privileges granted herein shall be deemed to be cumulative and the exercise of any one or more shall neither be deemed to

constitute an election of remedies, nor shall it preclude the party exercising the same from exercising such additional rights, remedies or privileges.

- 10. Severability. Invalidation of any one of these provisions, by judgment of Court, shall not affect any of the other provisions which shall remain in full force and effect. However, if any material portion is invalidated, the County shall be entitled to revoke any approval predicated upon the invalidated portion.
- 11. **Recording.** This Covenant, along with a certified copy of the resolution from the Board of County Commissioners accepting the Covenant, shall be filed of record in the public records of Miami-Dade County, Florida at the costs of the Owners after the effective date of the Board of County Commissioners' resolution accepting the Covenant. This Covenant shall become effective immediately upon recordation.
- 12. Acceptance of Covenant. Acceptance of this Covenant does not obligate the County in any manner, nor does it entitle the Owner to approval of any application, and the Board of County Commissioners and the County retain full power and authority to deny each such application in whole or in part.
- 13. Owner. The term Owner shall include the Owner, and its heirs, successors and assigns.

	d have caused this Covenant to be executed this 2013.
INDIVIDUAL -	
witnesses: sign MR print Naiviv Rodrigue 2 sign MI Rosa sign MR print Naiviv Rodrigue 2 sign MR print Naiviv Rodrigue 2 sign MR print Manage Rosa	owner(s); sign Drane Lary Address H8703W2385T, H0MESTEAD, FL330; sign print Todd Lary Address 14870 SW 238 ST, H0MESTEAD FL 33032
STATE OF FLORIDA COUNTY OF MIAMI-DADE The foregoing instrument was acknowledge	, who is personally known to me of who has
NOTARY PU Sign NAIVIV RODRIGUEZ MY COMMISSION #EE177282 EXPIRES: MAR 07, 2016 Ronded through 1st State insurance State of Flori	UBLIC: Jaiviv - Rodriguez ida at Large (Seal)

THIS INSTRUMENT PREPARED BY:

James G. Duncan, Biologist I
Miami-Dade County Department of Regulatory and Economic Resources
701 NW 1st Court,
Miami, Florida 33136

EXHIBIT A LEGAL DESCRIPTION

Folio Number:

30-6921-000-0110

Property Address:

14870 SW 238 ST

Legal description:

21 56 39 4.82 AC M/L W1/2 OF SW1/4 OF SE1/4 OF NE1/4 LESS S43FT FOR R/W & SUBJECT TO NFC RESTRICTION ON 3.6 AC PER R-1653-93 OR 16208-

0639 SUBJ TO EEL COVENANT ON 4.50 AC

		EEL Covenant Area = 4.50 Acres All Streets Parcels	N Map created by J, Duncan on 07/31/2013	SCALE: 1 inch = 205.71 Feet
B Lary 30-6921-000-0110	SW 238TH ST			
Exhibit B La				
		SW 149TH AVE	96	

Exhibit C Management Plan for Todd and Diane Lary

Location:

26955 SW 192 AVE, Miami-Dade County, Florida.

Size:

4.82 acre parcel

4.50 acres qualify for an Environmentally Endangered Lands (EEL)

covenant

Folio #:

30-6921-000-0110

Forest Type: Pine Rockland and Tropical Hardwood Hammock

Location

The property is located in Section 21 of Township 56 South, Range 39. It is situated at the southeast corner of SW 138 Street and SW 149 Avenue.

Distance from nearest EEL site: approximately 2,250 feet from Silver Palm Hammock Addition.

Distance from nearest county-designated Natural Forest Community (NFC): 0 feet from folio: 30-6921-000-0120.

Property Information

The property consists of a rectangular-shaped parcel of undeveloped Pine Rockland transitioning to a Tropical Hardwood Hammock that contains a private residence in the center of the parcel. This property is bordered on the east and west by designated NFC communities. Residential land use is located on the northern boundary and vacant land runs along the southern border. Additionally 3.6 acres of subject site are designated as NFC (Pine Rockland) in 1984 by the Miami-Dade County Board of County Commissioners, via Resolution No. R-1764-84 and may be found on Miami-Dade County Natural Forest Community Map 34, T56 R39 S21, parcel B. NFCs are protected and regulated via Section 24-49 of the Code of Miami-Dade County. (See exhibit A)

Pine rocklands were once South Florida's dominant plant community, occupying about 186,000 acres along the Miami rock ridge, which is a large limestone outcropping that extends south from the Miami River to Everglades National Park. Because of its high elevation, the Miami rock ridge was the first area to be impacted by development. The clearing of large tracts for development has now reduced pine rocklands to about 20,000 acres, most of which are now protected inside Everglades National Park. The pine rockland canopy is dominated almost exclusively by slash pines. Beneath this canopy lays a rich understory composed of grasses, sedges, palms, vines, shrubs and wildflowers of temperate and tropical origin, many of which are listed as endangered or threatened. A

sub-climatic community, pine rocklands have depended on fire to keep them from transitioning into hardwood hammocks. Fire exclusion has caused many properties that were formerly pine rockland to either transition into hammock or become invaded by non-native invasive species. This has caused a net loss of biodiversity and the extinction or near extinction of several rare and unique plant species. Pine rocklands are South Florida's most floristically diverse plant community and contain several endemic species that are found nowhere else in the world. For this reason, the Florida Natural Areas Inventory (FNAI) classifies pine rocklands as globally imperiled. The implementation of this management plan helps reduce exotic plant infestations and also maintains and reestablishes federally and State listed plant species within Miami-Dade County, both of which are stated as objectives in CON-8 of the Miami-Dade County Comprehensive Development Master Plan (CDMP).

Tropical hardwood hammocks contain primarily broadleaf and mostly hardwood evergreen trees growing on outcrops of limestone. The closed canopy conditions typically found in hammocks creates a humid forest interior with low light levels. Under natural conditions this community is rarely subject to fire and forms dense forests in relatively small areas. Hammocks are floristically rich and harbor some of Florida's rarest plants and also serve as habitat for a wide array of animal species. Many of the rare plants harbored by this habitat are fern species found in geologically significant solution holes.

Present Condition

The natural plant community is typical of a mosaic of Pine Rockland with pockets of mature Tropical Hardwood Hammock and areas of a mixed transitional subcanopy and understory due to fire supression. The understory consists of many typical Tropical Hardwood Hammock and Pine Rockland plant species. Portions of the site contain numerous specimen sized trees typical of a Tropical Hardwood Hammock. Additionally ten listed or/and endemic plant species are present these include: pineland allamanda (Angadenia berteroi), locust berry (Byrsinoma lucida), Florida silver palm (Coccothrinax argentata), satinleaf (Chrysophyllum oliviforme), lignumvitae (Guaiacum sanctum), Krug's holly (Ilex krugiana), shrub eupatorium (Koanophyllum villosum), P. elliottii var densa, West Indian lilac (Tetrazygia bicolor), and Keys wavyleaf noseburn (Tragia saxicola). The Pine Rockland area was planted with Slash Pine (Pinus elliottii var. densa) tree throughout.

Some exotic and invasive plant species were found on site. The most serious invasive plant species are Gold Coast jasmine (Jasminum fluminense) and pothos vine (Syngonium aureum). Additional invasive plant species include woman's tongue (Albizia lebbeck), shrub vernena (Lantana camara), natal grass (Melinis repens), and bowstring hemp (Sansevieria hyacinthoides). Exotic plant species contribute a significant portion of the non-native plant cover. Two large landscape trees are located within the EEL covenant area; Mango (Mangifera indica) and Longan (Dimocarpus longan). Additional exotic plant species issues are yellow alder (Turnera ulmifolia) and card board palm (Zamia furfuracea). The property owner has been removing invasive species by hand pulling and/or treating with herbicides. The natural area contains greater than 10% exotic species.

The site contains relatively intact substrate with numerous geological features such as outcroppings and a large sinkhole. Two additional sinkholes have been recorded for the property. The property owner stated interest in a prescribed burn. Due to constraints, the property owner has instead been clearing woody understory mimicking the effects of fire.

The EEL Covenant qualifying portion of the property can be separated into a single management area. It can be noted that the site is an important part of a wildlife corridor in the considerably fragmented surrounding area. The site especially serves as a corridor for birds which can easily traverse the few miles between natural areas.

Ecological Goals

- 1. Maintain area to preserve natural plant community.
- 2. Provide suitable habitat for native wildlife
- 3. Eliminate non-native and control invasive plant species found on the site.

Management Goals

- 1. Eliminate exotic plant species from the interior of the site to achieve less than 3% exotic plant cover.
- 2. Continue to create open understory areas that promote regeneration of rare and diverse herbaceous plant species typical of the Pine Rocklands.
- 3. Eradicate exotic plants from covenanted area.
- 4. Allow natural regeneration of native plants.

Miami-Dade County Department of Regulatory and Economic Resources (RER) will periodically inspect the property to ensure that management goals are achieved.

Management Techniques and Schedule

No heavy machinery is allowed within the site. All work must be done by hand (i.e. chainsaw, hand tools). Mowing within the covenanted areas is prohibited.

- Year 1-4: Hand remove and/or herbicide all invasive and exotic plant species within the site. Small seedlings can be pulled by hand while larger plants should be treated with herbicide. The focus should be on *J. fluminense* and *S. aureum*. Monitor exotic landscape features for seedling recruitment, especially *M. indica* and *D. longan*. The goal is to obtain 3% or less exotic plant cover. Continue to clear woody understory to mimic the effects of fire in pine rockland areas. Maintain firebreak trails clear of brush. Perform a prescribed burn if possible.
- Years 5-10: Continue eradication of exotic plant species, monitor disturbed areas for exotic plant species and maintain the site with herbicide and pulling by hand as needed. Continure to clear woody understory to create an herbaceaous understory in Pine Rockland areas. Maintain firebreak trails clear of brush.

The following animal species are likely to occur at this site.

AVIAN SPECIES-

VULTURES, HAWKS & FALCONS:

American Kestrel Sharp-shinned hawk Turkey vulture

Red-shouldered hawk Red-tailed hawk Swallow-tailed kite

PIGEONS & DOVES:

Common Ground Dove Mourning Dove Ringed Turtle Dove

THRUSHES:

American Robin

FINCHES & ALLIES:

Eastern phoebe Northern cardinal Painted bunting

Rufous-sided Towhee

OWLS:

Eastern screech-owl Great horned owl

JAYS & CROWS:

Blue jay

VIREOS:

White-eyed Vireo Yellow-throated Vireo

MOCKINGBIRDS:

Grey Catbird

Northern Mockingbird

WARBLERS:

Pine warbler Palm warbler

WOODPECKERS:

Pileated Woodpecker Northern flicker

Red-bellied Woodpecker

AMPHIBIANS AND HERPS

Corn snake Yellow rat snake

Southern Ringneck Snake

Green tree frog Brown anole Coral Snake Everglades raver Rough Green Snake Five-lined Skink Cuban tree frog Green Anole

MAMMALS

Grey fox Racoon

Hispid Cotton Rat

Grey squirrel Opposum Least Shrew

PLANT SPECIES LIST*

Plant taxa are listed by habit and origin. Key to Origin/Status codes:

N native to South Florida

R ruderal

FL endangered listed as an endangered species in the state of Florida
FL threatened listed as a threatened species in the state of Florida

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E exotic to South Florida

EPPC I category I as per Florida Exotic Pest Plant Council (most invasive)

EPPC II category II as per Florida Exotic Pest Plant Council (invasive)

Scientific Name	Common Name	Origin/Status
Albizia lebbeck	woman's tongue	E/EPPC (I)
Angadenia berteroi	pineland allamanda	N/FL threatened
Bursera simaruba	gumbo limbo	N
Byrsinoma lucida	locust berry	N/FL threatened
Callicarpa americana	American beauty berry	N
Capparis cynophallophora	Jamaica caper-tree	N
Chiococca alba	snowberry	N
Coccothrinax argentata	Florida silver palm	N/FL threatened
Chamaecrista deeringiana	Deering's partridge pea	N
Chamaecrista nictans var aspera	hairy sensitive pea	N
Chrysophyllum oliviforme	satinleaf	N/FL threatened
Dimocarpus longan	longan	E
Euphorbia cyathophora	painted poinsettia	${f N}$
Ficus aurea	strangler fig	N
Ficus citrifolia	short-leaf fig	N
Foresteria segregate	privet	N
Galium hispidium	coastal bedstraw	N
Guaiacum sanctum	lignumvitae	N/FL endangered
Guettarda scabra	rough velvetseed	N
Hamelia patens	firebush	N
Ilex krugiana	Krug's holly	N/FL threatened
Koanophyllum villosum	shrub eupatorium	N/FL endangered
Jasminum dichotomum	Gold Coast jasmine	E/EPPC (I)
Lantana camara	Shrubverna	E/EPPC (I)
Lysiloma latisiliquum	wild tamarind	N
Mangifera indica	mango	E
Melinis repens	natal grass	E/EPPC (I)
Metopium toxiferum	poisonwood	N
Morinda royoc	cheese weed	N
Myrica cerifera	wax myrtle	N

Myrsine cubana	myrsine	N
Parthenocissus quinquefolia	Virginia creeper	N
Passiflora suberosa	corky stem passionflower	N
Pinus elliottii var. densa	South Florida slash pine	N/Endemic
Pteridium aquilinum var. caudatum	lacy bracken	N
Psychotria nervosa	wild coffee	N
Quercus pumila	running oak	N
Quercus virginiana	live oak	N
Randia aculeata	white indigoberry	N
Rhynchospora floridensis	Florida whitetop	N
Rhus copallinum	winged sumac	N
Sansevieria hyacinthoides	bowstring hemp	E/EPPC (II)
Sabal palmetto	cabbage palm	N
Serenoa repens	saw palmetto	N
Sideroxylon salicifolia	willow bustic	N
Simarouba glauca	paradise tree	N
Smilax auriculata	earleaf greenbrier	N
Stachytarpheta jamaicensis	blue porterweed	N
Syngonium aureum	pothos vine	E/EPPC (I)
Tetrazygia bicolor	West Indian lilac	N/FL threatened
Toxicodendron radicans	poision ivy	N
Tragia saxicola	Keys wavyleaf noseburn	N/FL threatened
Trema micranthum	nettletree	N
Turnera ulmifolia	yellow alder	E
*	Muscadine grapevine	N
Vitis rotundifolia	cardboard palm	E
Zamia furfuracea	coontie	N N
Zamia pumila	coonic	14
*Please note that this is not a complete account for the highest percentage of ove MANAGEMENT PLAN AGREEMENT. I, IODD LARY this management plan, and agree to follow the start of the star	NT (must be signed by all own hereby certify that I have read ow its management recommendation	ers) ad and understood ations.
SIGNATURE I, DIAME LANZY	(ζρ, DAT hereby certify that I have rea	Aug 2013 E ()
this management plan, and agree to follo	ow its management recommenda	tions.
SIGNATURE	$\frac{\mathcal{K}}{DAT}$	Aug 2013

ATTACHMENT H

COVENANT RUNNING WITH THE LAND IN FAVOR OF MIAMI-DADE COUNTY, FLORIDA, CONCERNING ENVIRONMENTALLY ENDANGERED LAND LOCATED AT 21100 SW 300 STREET, MIAMI-DADE COUNTY, FLORIDA, CURRENTLY FOLIO # 30-7809-000-0110

WHEREAS, the undersigned Owner holds the fee simple title to the land in Miami-Dade County, Florida, described in Exhibit "A," attached hereto, and hereinafter called the "Property," and

IN ORDER TO ASSURE the County that the representations made by the Owner in the application, pursuant to Chapter 25B of the Code of Miami-Dade County and Section 193.501 of the Florida Statutes, will be abided by the Owner freely, voluntarily, and without duress, the Owner makes the following Covenant covering and running with the property:

- The EEL Preservation Area on the Property, as shown on the map attached hereto as Exhibit
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or Director's designee of the Department of Regulatory and Economic Resources, or successor department.

- 3. County Inspection and Requests for Curative Action. As further part of this Covenant, it is hereby understood and agreed that any official inspector of Miami-Dade County, or its agents duly authorized, shall have the right, upon written notification to the, then, owner(s) of the Property, as reflected in the Property Appraiser's records, to inspect the Property at reasonable times to determine whether the Property is being maintained in the manner required by this Covenant. Should the County determine after such an inspection that some curative action on the Property is necessary in order to preserve the terms of this covenant, the County shall notify the then, owner(s) in writing by Certified Mail, return receipt requested, at the address of record from the Property Appraiser's office,, of the particular curative action required and the reasons therefore. The, then, owner(s) shall have the right to appeal such proposed curative action to the Board of County Commissioners by filing a written objection with the Clerk of the Board within thirty (30) days after receipt of written notification of said proposed curative action and the reasons therefore.
- 4. Covenant Running with the Land. This Covenant on the part of the Owner shall constitute a covenant running with the land and shall be recorded, at Owner's expense, in the public records of Miami-Dade County, Florida, together with a certified copy of the Board of County Commissioners' resolution accepting the covenant, and shall remain in full force and effect and be binding on undersigned Owner, and their heirs, successors and assigns until such time as the same is modified or released. These restrictions during their lifetime shall be for the benefit of, and limitation upon, all present and future owners of the

real property and for the benefit of Miami-Dade County and the public welfare. The Owner, and their heirs, successors and assigns, acknowledge that acceptance of this Covenant does not in any way obligate or provide a limitation on the County. The Owner shall also send a copy of the recorded covenant and Board of County Commissioners' resolution accepting the covenant to the Miami-Dade County Property Appraiser.

- 5. <u>Term.</u> This Covenant is to run with the land and shall be binding on all parties and all persons claiming under it for a period of ten (10) years from the date this Covenant is recorded, unless an instrument signed by the, then, owner(s) of the Property has been recorded agreeing to change the covenant in whole, or in part, provided that the Covenant has first been modified or released by Miami-Dade County.
- 6. Modification, Amendment, Release. This Covenant may be modified, amended or released as to the land herein described, or any portion thereof, by written instrument executed by the, then, owner(s) of all of the Property, provided that the same is also approved by the Board of County Commissioners of Miami-Dade County, Florida. The release from this Covenant shall be made after public hearing and after a determination by the Board of County Commissioners of Miami-Dade County that such release would not adversely affect the interest of the public. Notice of said public hearing shall be published once a week for at least two (2) weeks in a newspaper of general circulation in Miami-Dade County, prior to said hearing. Furthermore, release of this Covenant shall only be made to the Owner upon payment of the deferred tax liability pursuant to Section 25B-17(b) of the Code of Miami-Dade County.

- The, then, owner or anyone with the owner's knowledge or consent shall not use the Property in any manner inconsistent with the terms of this Covenant without first obtaining a written instrument from the Board of County Commissioners of Miami-Dade County which releases the Owner from the terms of the covenant, and which instrument must be promptly recorded in the public records of Miami-Dade County, Florida. Any violation of this section shall constitute a breach of this Covenant, for which the Board of County Commissioners may revoke the covenant and require the Owner to pay the deferred tax liability as such term is defined in Section 25B-17(b) of the Code of Miami-Dade County. This enforcement provision shall be in addition to any other remedies available at law, in equity or both.
- 8. Renewal. The current owner(s) of the property may apply to renew this covenant for successive ten (10) year periods following the termination of the term of this covenant. Applications for such renewals shall be submitted to the Miami-Dade County Department of Regulatory and Economic Resources, or successor department, and such applications for renewal may be approved administratively by the Director of the Miami-Dade County Department of Regulatory and Economic Resources, or successor department. After approval of a renewal, the Owner shall record, at Owner's expense, a renewed covenant in the public records of Miami-Dade County, Florida. Said renewed covenant shall be in a form approved by the Director of the Miami-Dade County Department of Regulatory and Economic Resources, or successor department.
- 9. <u>Election of Remedies.</u> All rights, remedies and privileges granted herein shall be deemed to be cumulative and the exercise of any one or more shall neither be deemed to

constitute an election of remedies, nor shall it preclude the party exercising the same from exercising such additional rights, remedies or privileges.

- 10. <u>Severability.</u> Invalidation of any one of these provisions, by judgment of Court, shall not affect any of the other provisions which shall remain in full force and effect. However, if any material portion is invalidated, the County shall be entitled to revoke any approval predicated upon the invalidated portion.
- 11. Recording. This Covenant, along with a certified copy of the resolution from the Board of County Commissioners accepting the Covenant, shall be filed of record in the public records of Miami-Dade County, Florida at the costs of the Owners after the effective date of the Board of County Commissioners' resolution accepting the Covenant. This Covenant shall become effective immediately upon recordation.
- 12. Acceptance of Covenant. Acceptance of this Covenant does not obligate the County in any manner, nor does it entitle the Owner to approval of any application, and the Board of County Commissioners and the County retain full power and authority to deny each such application in whole or in part.
- 13. Owner. The term Owner shall include the Owner, and its heirs, successors and assigns.

IN WITNESS WHEREOF, the undersigne day of July	d have caused this Covenant to be executed this , 2013.
INDIVIDUAL -	
WITNESSES:	OWNER(S):
sign C	sign Impah
print Christine Coffin	print TERRY A. GLANCY
sign In efic sheep	Address 21/00 Sw 300 ST Homes Than FC
print Day Granslay	sign Sign
sign Japan	print BARBARA C. GLANCY
print Lobert Perer	Address 21100 SW 300 SA. Homestead &
sign	
print Mistre Morejon	
STATE OF FLORIDA COUNTY OF MIAMI-DADE	
The foregoing instrument was acknowledg	ed before me this 22nd day of July,

The foregoing instrument was acknowledged before me this 22nd day of 3014
2013, by Terry Glancy & harbara Glancy who is personally known to me or who has produced Personally known to me or who has as identification and who did take an oath.

NOTARY PUBLIC:



Print Handa Davaed

Print Manda Pror State of Florida at Large (Seal)

My Commission Expires: Narch 23, 2015

THIS INSTRUMENT PREPARED BY:

James G. Duncan, Biologist I

Miami-Dade County Department of Regulatory and Economic Resources
701 NW 1st Court,
Miami, Florida 33136

EXHIBIT A LEGAL DESCRIPTION

Folio Number:

30-7809-000-0110

Property Address:

21100 SW 300 ST

Legal description:

N1/2 OF SW1/4 OF NE1/4 LESSN25FT OF E1/2 OF NW1/4 OF SW1/4 OF NE1/4 & LESS N25FT OF W1/2 OF

NE1/4 OF SW1/4 OF NE1/4 FOR R/W SUBJ TO EEL R-1653-93 ON 14.00 AC

EXP ON 12/31/13

SUBJ TO NFC ON 11.20 AC R-1653-93

Exhibit C Management Plan for Terry A. & Barbara C. Glancy

Location:

21100 SW 300 St, Miami-Dade County, Florida.

Size:

19.63 acre parcel

14 acres qualify for an Environmentally Endangered Lands (EEL)

covenant

Folio #:

30-7809-000-0110

Forest Type: Pine Rockland

Location

The property is located in Section 9 of Township 57 South, Range 38. It is located in the vicinity of SW 209 Avenue and SW 300 Street.

Distance from nearest EEL site: approximately 1,340 feet from Northrop Pineland.

Distance from nearest county-designated Natural Forest Community (NFC): < 20 feet from folio: 30-7809-000-0051.

Property Information

The property consists of a rectangular-shaped parcel of undeveloped pineland that contains a greenhouse and private residence on the northern portion of the parcel. This property is surrounded by agricultural lands on the southern and western boundaries, a natural forest along the northern boundary, and residential land use along the eastern boundary. Additionally, the subject site was designated as a Natural Forest Community (NFC) in 1984 via Resolution R-1764-84.

Pine rocklands were once South Florida's dominant plant community, occupying about 186,000 acres along the Miami rock ridge, which is a large limestone outcropping that extends south from the Miami River to Everglades National Park. Because of its high elevation, the Miami rock ridge was the first area to be impacted by development. The clearing of large tracts for development has now reduced pine rocklands to about 20,000 acres, most of which are now protected inside Everglades National Park. The pine rockland canopy is dominated almost exclusively by slash pine. Beneath this canopy lays a rich understory composed of grasses, sedges, palms, vines, shrubs and wildflowers of temperate and tropical origin, many of which are listed as endangered or threatened. A sub-climatic community, pine rocklands depend on fire to keep them from transitioning into hardwood hammocks. Fire exclusion has caused many properties that were formerly

pine rockland to either transition into hammock or become invaded by non-native invasive species. This has caused a net loss of biodiversity and the extinction or near extinction of several rare and unique plant species. Pine rocklands are South Florida's most floristically diverse plant community and contain several endemic species that are found nowhere else in the world. For this reason, the Florida Natural Areas Inventory (FNAI) classifies pine rocklands as globally imperiled. The implementation of this management plan helps reduce exotic plant infestations and also maintains and reestablishes federally and State listed plant species within Miami-Dade County, both of which are stated as objectives in CON-8 of the Miami-Dade County Comprehensive Development Master Plan (CDMP).

Present Condition

The EEL Covenant qualifying portion of the property can be separated into a single management area.

This natural area is supporting a high floral richness of native vegetation indicative to pine rocklands and contains high quality stubstrate including solution holes. This site is in excellent condition and appears to have some of the highest plant diversity of *any* pineland in Miami-Dade County. There have been several prescribed burns (1979, 1982, 1987, 1990, 1993, 1997, 2005, 2008, and 2011) and one wild fire (2000) at this site. Since 1992, slash pine tubelings have been replanted throughout the property in distinct island groupings using seed from Long Pine Key in ENP to preserve the exact genotype of Pinus that occurred on the property historically (1994, 1995, 1998, 2000, 2002, 2005, and 2006), as well as other native plant species. Since 2004, natural sprouting and growth of seedlings from the planted pine trees have occurred throughout the property. As a result of replanting, ongoing restoration, and maintenance practices, the EEL covenant area is of higher quality than any other EEL covenanted site in Miami-Dade County.

The understory of this pineland consist of many common species including sable palm (Sabal palmetto), saw palmetto (Serenoa repens), poisonwood (Metopium toxiferium), myrsine (Mysine cubana), randis (Randia aculeate), locust berry (Byrsonima lucida), and several species of sedges, wild flowers and ferns.

Thirty eight listed and/or endemic plant species reportedly inhabit this site. Those that were observed during the most recent inspection include the silver palm (Coccothrinaxargentata), pineland jacquemontia (Jacquemontia curtissi), rockland morning-glory (Ipomea tenuissima) and coontie (Zamia pumila) that are state-listed species, and Small's milkpea (Galactia smallii) which is federally listed as endangered.

Conclusion

The property contains several rare and state-listed plant species whose existence in the continental US is limited to this area. It is important to note that the current state and

overall execellent health of the pine rockland is due to the continuous commitment of the owner to the long term maintenance of the area as a natural preserve.

Overall, the site is in excellent condition and will continue to be maintained with future management efforts encouraged and supported by the EEL covenant. Future management of this property will center on continuing to control invasive exotic plants, vine control, supplemental native plantings and prescribed burns.

Ecological Goals

- 1. Maintain area to allow for continued preservation of herbaceous pine rockland species.
- 2. Promote regeneration and growth of pine rockland species to achieve an open canopy and uneven age class of slash pines.
- 3. Provide suitable habitat for native wildlife
- 4. Eliminate non-native and control invasive plant species found on the site.

Management Goals

- 1. Maintain invasive exotic plants to 3% or less coverage within the EEL covenanted area.
- 2. Maintain biodiversity of appropriate native plant species, focusing on rare and listed species.
- 3. Enhance the pine rockland by planting more pines and appropriate native pine rockland understory plants if necessary.
- 4. Continue to perform prescribed burns as necessary.
- 5. Control hardwoods.
- 6. Control native ruderal plants and vines.
- 7. Allow natural regeneration of native plants.

Miami-Dade County Department of Regulatory and Economic Resources (RER) will periodically inspect the property to ensure that management goals are achieved.

Management Techniques and Schedule

No heavy machinery is allowed within the site. All work must be done by hand (i.e. chainsaw, hand tools). Mowing within the covenanted areas is prohibited.

Years 1-10: Continue exotic and ruderal plant/ vine control to ensure 3% or less exotic coverage within the EEL covenanted area. Target invasives on the edges. Continue to selectively control hardwoods located within management area and allow for pine proliferation. Plant additional native species if needed.

Perform prescribed burns as needed (every 3-5 years) to maintain herbaceous pine rockland species.

The following animal species are likely to occur at this site. Please note the following list of fauna was prepared by Terry and Barbara Glancy on 07/07/1992.

AVIAN SPECIES

HERONS & ALLIES:

Cattle Egret Great Blue Heron Great Egret Little Blue Heron

Snowy Egret

VULTURES, HAWKS & FALCONS:

American Kestrel Bald Eagle Merlin

Osprey
Peregrine Falcon
Red-Shouldered Hawk
Red-Tailed Hawk
Swallow Tail Kite
Turkey Vulture

SHOREBIRDS, GULLS & ALLIES:

Common Snipe Laughing Gull Piping Plover

PIGEONS & DOVES:

Common Ground Dove Mourning Dove Ringed Turtle Dove White Crowned Pidgeon

BLACKBIRD & ALLIES:

Brown-headed Cowbird Eastern Meadowlark Northern Oriole Red-winged Blackbird

WOODPECKERS:

Pileated Woodpecker Downy Woodpecker

OWLS:

Barn Owl Burrowing Owl Common Screech-Owl

SWALLOWS:

Barn Swallow Purple Martin

JAYS & CROWS:

Blue Jay

MOCKINGBIRDS:

Grey Catbid Northern Mockingbird

THRUSHES:

American Robin

WAXWINGS:

Cedar Waxwing

VIREOS:

White-eyed Virco Yellow-throated Virco

WARBLERS:

Black and White Warbler Common Yellowthroat Oven Bird Yellow-Rumped Warbler

FINCHES & ALLIES:

Common Cardinal Indigo Bunting Painted Bunting Rufous-sided Towhee Sharp-tailed Sparrow Common Flicker Red-bellied Woodpecker

AMPHIBIANS AND HERPS

Dusky Pigmy Rattlesnake Eastern Diamondback Rattlesnake

Eastern Indigo
Everglades Racer
Florida Box Turtle
Green Anole
Little Grass Frog
Rough Green Snake
Southern Cricket Frog
Southern Spring Peeper

Eastern Coral Snake Eastern Garter Snake

Eastern Narrow Mouth Toad

Five-lined Skink
Florida Cottonmouth
Green Treefrog
Pinewoods Treefrog
Southern Black Racer
Southern Ringneck Snake

Squirrel Treefrog

MAMMALS

Bobcat Eastern Cottontail Florida Mouse Hispid Cotton Rat Marsh Rabbit Squirrel Cotton Mouse Eastern Mole Grey Fox Least Shrew

Mexican Freetail Bat

PLANT SPECIES LIST*

Plant taxa are listed-by habit and origin. Key to Origin/Status codes:

N native to South Florida

R ruderal

FL endangered listed as an endangered species in the state of Florida FL threatened listed as a threatened species in the state of Florida

Fed Endangered listed as an endangered species by the Federal Government listed as a threatened species by the Federal Government

E exotic to South Florida

EPPC I category I as per Florida Exotic Pest Plant Council (most invasive)

EPPC II category II as per Florida Exotic Pest Plant Council (invasive)

Scientific Name	Common Name	Origin/Status
Abildgaardia ovate	Flatspike Sedge	N
Acacia pinetorum	Pineland Acacia	N/ Endemic
Acalypha chamaedrifolia	Bastard Copperleaf	N
Agalinis purpurea	Purple False Foxglove	N
Alhizia lebbeck	Woman's Tongue	E/EPPC(I)
Alvaradoa amorphoides	Mexican alvaradoa	N/FL endangered
Ambrosia artemisiifolia	Common Ragweed	N/R
Andropogon glomeratus var. pumilis	Bushy Bluestem	N
Andropogon longiberbis	Hairy Bluestem	N
Andropogon ternaries	Splitbeard Bluestem	N
Andropogon virginicus	Broom Sedge	N
Angadenia berteroi	Pineland Allamanda	N/FL threatened
Ardisia escallonioides	Marlberry	N
Argythamnia blodgettii	Blodgett's Silverbush	N/FL endangered
Aristida purpurascens	Arrowfeather threeawn	N_{I}
Asclepias curassavica	Tropical Milkweed	E
Aster adnatus	Scaleleaf Aster	N
Ayenia euphrasifolia	Eyebright Ayenia	N
Baccharis halimifolia	Saltbush; Sea-myrtle	N/R
Berlandiera subacaulis	Florida Green-Eyes	N/ Endemic
Bidens alba	Spanish needles	N/R
Bouteloua hirsuta	Hairy Gamma	N
Bothriochloa pertusa	Pitted Beardgrass	E
Brickellia moseri	Mosier's false boneset	N/FL endangered
Buchnera americana	Bluehearts	N
Bursera simaruba	Gumbo Limbo	N
Byrsonima lucida	Locust Berry	N / FL threatened
Callicarpa americana	American Beautyberry	N
Calyptocarpus vialis	Straggler's Daisey	E
Capraria biflora	Goatweed	N

Cassytha filiforinis	Love Vine; Devil's Gut	N
Cenchrus gracillirnus	Slender Sandburr	N
Centrosema virginianum	Butterfly Pea	N
Chamaecrista deeringiana	Deering Partridge Pea	N
Chamaecrista nictitans var. aspera	Sensitive Pea	N
Chamaesyce deltoidea subsp. pinetorum	Pineland Sandmat	N/FL endangered
Chamaesyce hirta	Pillpod Sandmat	N
Chamaesyce hypericifolia	Graceful Sandmat	N
Chamaesyce mendezii	Mendez's Sandmat	Е
Chamaesyce pergamena	Rockland Spurge	N/FL threatened
Chaptalia albicans	White Sunbonnets	N / FL threatened
Chiococca alba	Snowberry	N
Chromolaena odorata	Jack-in-the-bush	N
Cirsium horridulum	Purple Thistle	N
Clematis baldwinii	Pine Hyacinth	N/ Endemic
Cnidoscolus stimulosus	Tread-Softly	N
Coccothrinax argentata	Florida silver palm	N / FL threatened
Conoclinium coelestinum	Blue Mistflower	N
Conyza canadensis var. pusilla	Dwarf Horseweed	N
Crossopetalum ilicifolium	Quailberry	N/FL threatened
Crotalaria pumila	Low Rattlebox	N
Croton linearis	Pineland Croton	N
Croton lobatus	Lobed Croton	N
Cyanthillium cinereum	Little Ironweed	E
Cynanchum bodgetti	Blodgett's Swallowwort	N/FL threatened
Cyperus ligularis	Swamp Flatsedge	N
Cyperus nguans Cyperus polystachyos	Manyspike Flatsedge	N
Dalea carnea var. darnea	White Tassels	N
Dalia carnea	Prarie Clover	N
Desmodium incanum	Zarzabacoa Comun	N
Desmodium marilandicum	Smooth Ticktrefoil	N
Desmodium tortuosum	Dixie Ticktrefoil	E
	Threeflower Ticktrefoil	Ē
Desmodium triflorum	Needleleaf Witchgrass	N
Dichanthelium aciculare Dichanthelium strigosum vax. glabrescens	Roughhair Witchgrass	N
Digitaria filiformis vax. dolichophylla	Caribbean Crabgrass	N / FL threatened
Digitaria filiformis var. filiformis	Slender Crabgrass	N
Dodonaea viscose	Varnishleaf	N
Doaonaea viscose Dyschoriste angusta	Pineland Twinflower	N ',
Echites umbellate	Devil's Potato	N
Eclipta prostrate	False Daisey	N
4 •	Canada Spikerush	N
Eleocharis geniculata Eugenia axillaris	White Stopper	N
Eugenia axiiiaris Euphorbia cyanthophora	Painted Leaf	N
Eupnorvia суштюрнога Euphorbia pinetorum	Rockland Poinsettia	N/ FL endangered
	Gophertail Lovegrass	E
Eragrostis cillaris	Ashirem no tograss	±/

Erechites hieracifolia	Hawkweed, Fireweed	N
Erigeron quercifolius	Oakleaf Fleabane	N
Ernodia cokeri	Coker's Beach Creeper	N/FL endangered
Eupatorium capillifolium	Dog Fennel	N/R
Eustachys petraea	Pinewoods Fingergrass	N
Eustacnys penaea Evolvus sericeus	Silver Dwarf Morning-Glory	
Ficus aurea	Strangler Fig	N
ricus aurea Flaveria linearis	Narrowleaf Yellowtops	N
	Florida Privet	N
Forestiera segregata	Narrowleaf Milkpea	N/Endemic
Galactia pinetorum	Eastern Milkpea	N
Galactia regularis		N/Fed endangered
Galactia smallii	Small's Milkpea	
Galactia volubilis	Narrowleaf Milkpea	N N
Galium hispidulum	Coastal Bedstraw	
Gaura angustifolia	Southern Beeblossom	N
Guettarda elliptica	Hammock Velvetseed	N
Guettarda scabra	Rough Velvetseed	N
Hedyotus nigricans var. floridana	Diamond Flowers	N
Herissantia crispa	Bladdermallow	N
Hypoxis wrightii	Brittleseed Yellow Stargrass	N
Hyptis alata	Musky Mint	N
Indigofera miniata var. floridana	Florida Coastal Indigo	N
Indigofera spicata	Trailing Indigo	E
Imperata brasiliensis	Brazilian Satintail	N
Ipomea microdactyla	Man-In-The-Ground	N/FL endangered
Ipomea tenuissima	Rockland Morning-Glory	N/FL endangered
Ipomea triloba	Three Lobe morning-Glory	E
Jacquemontia curtisii	Pineland Clustervine	N/FL endangered
Koanophyllon villosum	Shrub Thoroughwort	N/FL endangered
Lantana camara	Shrub Verbena	E/ epcc (1)
Lantana depressa	Rockland Lantana	N/FL endangered
Lantana involucrata	Buttonsage	N
Leptochloa fascicularis	Bearded Strangletop	N
Liatris tenuifolia	Shortleaf Gayfeather	N
Linum carteri var. smallii	Small's Flax	N/FL endangered
Macroptilium lathyroides	Wild Bushbean	E
Malvastrum corchorifolium	False Mallow	N
Melanthera nivea	Snow Squarestem	N
Melothria pendula	Creeping Cucumber	Ν ΄,
Metopium toxiferum	Poisonwood	N
Mikania scandens	Climbing Hempvine	N
Morinda royoc	Cheese Shrub	N
Myrsine cubana	Myrsine	N
Myrica cerifera	Wax Myrtle	N
Parthenocissus quinquefolia	Virginia creeper	N
Paspalum caespitosum	Blue Crowngrass	N
, L	-	

Paspalum conjugatum	Hilograss	N
Paspalum setaceum	Thin Paspalum	N
Paspalum urvillei -	Vaseygrass	N
Passiflora suberosa	Corky Stem Passionflower	N
Pectis glaucescens	Tea Blinkum	N
Pectis prostrata	Spreading Pinchweed	N
Persea palustris	Swamp Bay	N
Phyllanthus pentaphyllus	Fivepetal Leafflower	N/ Endemic
Phyllanthus tenellus	Mascarene Islad Leafflower	Е
Physalis walterii	Walter's Ground-Cherry	N/ Endemic
Pinus elliottii var. densa	South Florida slash pine	N
Piriqueta cistoides	Pitted stripeseed	N
•	Showy Milkwort	N
Polygala grandiflora	Rustweed	N T4
Polypremum procumbens	Wild Coffee	N
Psychotria nervosa	Lacy Bracken	N
Pteridium aquilinum var. caudatum Pteris bahamensis	Bahama Ladder Brake	N/FL threatened
	Blackroot; Rabbit Tobacco	N N
Pterocaulon pychostachyum	Live Oak	N
Quercus virginiana		N
Randia aculeata	White Indigoberry	N
Rhus copallinum	Winged Sumac Rose Natal Grass	
Rhynchelytrum repens		E/EPCC (I)
Rhynchosia minima	Least Snout Bean	N
Rhynchosia reniformis	Dollarweed	N
Rhynchospora floridensis	Florida Whitetop	N
Rhynchospora globularis	Globe Beak Sedge	N
Rhynchospora grayi	Grey's Beak Sedge	N
Richardia grandiflora	Mexican Clover	E
Ruellia succulenta	Wild Petunia	N/ Endemic
Sabal palmetto	Cabbage Palm	N
Sachsia poycephala	Bahama Sachsia	N / FL threatened
Samolus ebracteatus	Water Pimpernel	N
Schinus terebinthifolius	Brazilian Pepper	E/EPPC(I)
Schyzacharium gracile	Wire Bluestem	N
Schyzachyrium sanguineum	Crimson Bluestem	N
Schyzachyrium scoparium	Little Bluestem	N
Scutellaria havanensis	Havana Skullcap	N/FL endangered
Senna mexicana var chapmanii	Bahama Senna	N/FL threatened
Serenoa repens	Saw Palmetto	N ,
Sida acuta	Commone Fireweed	N
Sida elliotti	Elliott's Fanpetal	N
Sida rhombifolia	Cuban Jute	N
Sideroxylon reclinatum var. astrofloridense		N/ Endemic
Sideroxylon salicifolium	Willow Bustic	N
Sisyrinchium angustifolium	Narrowleaf Blue-Eyed Grass	
Smilax auriculata	Earleaf Greenbrier	N .

Solidago leavenworthii	Leavenworth's Goldenrod	N
Solidago odora var. chapmanii	Chapman's Goldenrod	N
Solidago sempervireris	Seaside Goldenrod	N
Spermacoce assurgens	Woodland False Buttonweed	N
Spermacoce terminalis	Everglades Key False	N/FL threatened
Spermacoce verticillata	Shrubby False Buttonweed	E
Stachytarpheta jamaicensis	Blue Porterweed	N
Styllingia sylvetica	Queen's Delight	N
Tephrosia florida	Florida Hoarypea	N
Tetrazygia bicolor	West Indian lilac	N/FL threatened
Tillandsia balbisiana	Northern Wild-Pine	N / FL threatened
Tillandsia fasciculate var. densispica	Cardinal Airplant	N/FL endangered
Thelypteris kunthii	Wood Fern	N
Toxicodendron radicans	Poision Ivy	N
Tragia saxicola	Florida Keys Noseburn	N / FL threatened
Tragia urens	Wavyleaf Noseburn	N
Trema micranthum	Nettletree	N
Vernonia blodgetti	Blodgett's Ironweed	N
Vitis cinerea var. floridana	Florida Grape	N
Vitis rotundifolia	Muscadine Grapevine	N
Waltheria indica	Sleepy Morning	N
Zamia pumila	Coontie	N

*Please note that this is not a complete plant species list. The list includes the plants that account for the highest percentage of overall biomass within the property.

MANAGEMENT PLAN AGREEMENT (must be signed by all owners)

I, /GKRY / GLAVE! this management plan, and agree to follow	hereby certify that I have read and understood ow its management recommendations.
SIGNATURE / 9 (
I, Barbara C. Glancy	hereby certify that I have read and understood

SIGNATURE

JOINDER BY MORTGAGEE CORPORATION

The undersigned MERS" Mortgage Electronic Registration Systems, ac.
(state) corporation and Mortgagee under that certain mortgage from
Terrance, A. Glancy and Barbara, C. Glancy dated the 28th
) (A 4
day of, and recorded in Official Records Book, Page, of the Public Records of Miami-Dade County, Florida,
covering all/or a portion of the property described in the foregoing agreement, does hereby
acknowledge that the terms of this agreement are and shall be binding upon the undersigned
and its successors in title.
IN WITNESS WHEREOF, these presents have been executed this 44 day of 5eptember 2013
"MERS is Mortgage. Electronic. Registration Systems, Witnesses: acting Solely as a nominee for leader and
Witnesses: acting solely as a nominee for leader and
Marilen Cashman Lender's Successors and assigns.
Manika Cashman Address:
Matalie d. Mangain REGISTON, Flint, MI 48501-2026
Matable D. Davis & RPORY Of By
Print Name (President, Vice-President, or, CEO*)
Vice President
1999 Print Name: Shelley L. Hess
[*Note: All others require attachment of original corporate resolution of authorization]
STATE OF Mary land Ministry
COUNTY OF Washington
The foregoing instrument was acknowledged before me by Shelley L. Hess
The foregoing instrument was acknowledged before me by Shelley A. Hess the Vice President of MERS Mortgage Flectronic Region poration, on (Title)
behalf of the corporation. He/She is personally known to me or has produced , as identification.
Witness my signature and official seal this 4th day of September
2013 A in the County and State aforesaid.
Kelibrak a! Gummit
(Signarure)
Notary Public-State of Mary land
Notary Public-State of Mary land Deborah A. Crummitt (Print Name)
My Commission Expires: Way 5, 3016
a vick

[f:\forms\Joinder by Mortgagee Corporation.doc (9/9/04)]